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**DOCUMENTATION OF  
ENVIRONMENTAL INDICATOR  
DETERMINATION MIGRATION OF  
CONTAMINATED GROUNDWATER  
UNDER CONTROL**

**Pratt & Whitney  
60 Belamose Avenue  
Rocky Hill, CT**

**February 2000**

**Prepared for**  
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**LEA Comm. No. 68VE401**

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**DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION**

Interim Final 2/5/99

**Migration of Contaminated Groundwater Under Control**

**Facility Name:** Pratt & Whitney, Rocky Hill Facility  
**Facility Address:** 60 Belamose Avenue, Rocky Hill, Hartford, Connecticut  
**Facility EPA ID #:** CTD000844407

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1. Has **all** available relevant/significant information on known and reasonably suspected releases to the groundwater media, subject to RCRA Corrective Action (e.g., from Solid Waste Management Units (SWMU), Regulated Units (RU), and Areas of Concern (AOC)), been **considered** in this EI determination?

- If yes - check here and continue with #2 below.
- If no - re-evaluate existing data, or
- if data are not available, skip to #8 and enter "IN" (more information needed) status code.

**BACKGROUND**

**Definition of Environmental Indicators (for the RCRA Corrective Action)**

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

**Definition of "Migration of Contaminated Groundwater Under Control" EI**

A positive "Migration of Contaminated Groundwater Under Control" EI determination ("YE" status code) indicates that the migration of "contaminated" groundwater has stabilized, and that monitoring will be conducted to confirm that contaminated groundwater remains within the original "area of contaminated groundwater" (for all groundwater "contamination" subject to RCRA corrective action at or from the identified facility (i.e., site-wide)).

**Relationship of EI to Final Remedies**

While Final remedies remain the long-term objective of the RCRA Corrective Action program

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the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993, GPRA). The "Migration of Contaminated Groundwater Under Control" EI pertains ONLY to the physical migration (i.e., further spread) of contaminated ground water and contaminants within groundwater (e.g., non-aqueous phase liquids or NAPLs). Achieving this EI does not substitute for achieving other stabilization or final remedy requirements and expectations associated with sources of contamination and the need to restore, wherever practicable, contaminated groundwater to be suitable for its designated current and future uses.

**Duration / Applicability of EI Determinations**

EI Determinations status codes should remain in RCRIS national database ONLY as long as they remain true (i.e., RCRIS status codes must be changed when the regulatory authorities become aware of contrary information).

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2. Is **groundwater** known or reasonably suspected to be “**contaminated**”<sup>1</sup> above appropriately protective “levels” (i.e., applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action, anywhere at, or from, the facility?
- \_\_\_\_\_  If yes - continue after identifying key contaminants, citing appropriate “levels,” and referencing supporting documentation.
- \_\_\_\_\_  If no - skip to #8 and enter “YE” status code, after citing appropriate “levels,” and referencing supporting documentation to demonstrate that groundwater is not “contaminated.”
- \_\_\_\_\_  If unknown - skip to #8 and enter “IN” status code.

Rationale and Reference(s):

The Rocky Hill Facility is a jet engine component manufacture and assembly facility. The facility prepares and packages selected jet engine assembly components for shipment to other facilities. The facility consists of a main factory building, a separate power house, and several auxiliary buildings on 51.5 acres of land. Pratt & Whitney has occupied the facility since 1965. The site was reported to have been developed in 1927 as the Belamose Rayon plant, and operated as a rayon manufacturing facility until 1965. Samples of groundwater, indoor air, surface soil (i.e., those soils located at depths less than or equal to 6 inches below the ground surface), surface water, and sediment have been collected during the performance of investigation activities conducted at the site.

A report entitled *Conceptual Site Models and Screening Levels for Pratt & Whitney's VCAP Connecticut Facilities*, was prepared by Gradient Corporation (Gradient Report). This report was issued on December 19, 1997 and revised on September 18, 1998, and September 15, 1999. A copy of applicable portions of this report, those portions addressing the Rocky Hill Facility, has been included in Attachment No. 1. For the Rocky Hill Facility, the Gradient Report provides a facility-specific conceptual site model, a description of facility-specific exposure media and exposure pathways, a description of potential receptors, a rationale and approach to screening analytical data generated for exposure media, and screening levels for exposure media. For the Rocky Hill Facility, the Gradient Report identifies the applicable receptors, exposure media and pathways that require screening as follows:

- 1) grounds keepers, samplers, and trespassers, surface soil by ingestion and dermal contact (Table 3-10);
- 2) maintenance workers, indoor workers, and samplers, indoor air by inhalation (Table 3-4);
- 3) off-site recreators, samplers, and trespassers, surface water, ingestion and dermal contact (Tables 3-6 and 3-7);
- 4) off-site recreators, samplers, and trespassers, sediment, ingestion and dermal

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- contact; (Table 3-10) and,
- 5) maintenance workers and samplers, groundwater by dermal contact (Ranney well water quality data compared to Table 3-8 and MCLs, respectively).

This documentation of environmental indicator determination is based on a review of all available relevant/significant data as it applies to groundwater at the site.

### **Groundwater**

Groundwater samples have been collected from groundwater monitoring wells installed at the Pratt & Whitney Rocky Hill Facility as part of the Voluntary Corrective Action program (VCAP) groundwater monitoring since September 1997. The initial groundwater monitoring well network was installed in March 1997 and consisted of eighteen groundwater monitoring wells (RH-MW-01S through RH-MW-18S). Each of these wells are constructed such that the screen section intersects the groundwater table. In February 1999, RH-MW-06D, RH-MW-11D, and RH-MW-17D were added to augment the existing well network with monitoring wells screened in deeper zones of the aquifer. Specifically, these three additional wells are constructed with screen sections immediately above the bedrock/unconsolidated material interface.

Groundwater samples have been collected from the site during four separate events during the period from September 1997 to December 1999. In September 1997, groundwater samples were collected from wells RH-MW-1S through RH-MW-18S. In the April 1999 and May 1999 sampling event, groundwater samples were collected from RH-MW-1S through RH-MW-18S and RH-MW-06D, RH-MW-11D, and RH-MW-17D. In the December 1999 sampling event, a single groundwater duplicate sample pair was collected from the soil boring RH-SB-35. A complete listing of constituents for which samples were analyzed during the September 1997, April 1999, May 1999, and December 1999 sampling events is provided in the tabular presentation of analytical data in Attachment No. 3.

General groundwater flow in the upper portion of the unconsolidated aquifer at the site is toward the southeast. However, the direction of flow, especially in proximity to the Connecticut River, is influenced for periods of time and to varying degrees by the tidal influences of the river. The Connecticut River is tidally influenced from its mouth at Long Island Sound up to approximately the City of Hartford. The depth to the water table over most of the site is typically 15 to 25 feet below the ground surface. Water table elevations typically range from approximately 7 to 8.5 feet above mean sea level (MSL).

In the vicinity of monitoring well RH-MW-17S, a layer of dense silt was encountered which acts locally as an aquitard. A perched layer of groundwater in the immediate vicinity of RH-MW-17S is located approximately 10 feet above the water table in the

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general area. The full extent of the perched zone has not been identified. However, with the exception of soil boring RH-SB-35, the dense silt was not encountered in any other soil borings or monitoring wells installed at the site. Based on the available geologic and hydrogeologic data, coupled with chemical data from locations downgradient of RH-MW-17S, it is concluded that a direct hydrologic connection between the contaminated zone of the perched layer of groundwater and the underlying aquifer does not exist. Provided in Attachment No. 3 is a map depicting generalized geologic cross sections for the area proximal to RH-MW-17S.

Provided in Attachment No. 2 is a Site Plan depicting the location of each of the groundwater monitoring points. The site plan also presents groundwater contours generated from data collected during the April 1999 groundwater sampling event. Provided in Attachment No. 3 is a copy of a report entitled *Groundwater Monitoring in Support of VCAP Risk Assessment, Pratt & Whitney, Rocky Hill, Connecticut*. Attachment No. 3 also includes a database listing of analytical data for groundwater samples collected during the period from September 1997 through December 1999 and a summary of constituents detected in groundwater samples collected from onsite monitoring wells for the same period.

The groundwater data provided in the attachments have been compared to the numeric screening levels published in the Gradient Report. Specifically, the groundwater data have been compared to the numeric criteria published in Table 3-7 of the above-referenced report. The table is titled *Generic P&W Groundwater Screening Levels (SLs) Based on Surface Water Protection, P&W VCAP, Connecticut Facilities*. The groundwater monitoring well network at the site is determined adequate in number and spatial distribution to assess the quality of groundwater that discharges to surface water bodies at the site. With the exception of those constituents noted below, constituents were not detected in groundwater at concentrations above the numeric criteria published in the above referenced table. The exceptions were noted for arsenic, chromium, copper, lead, mercury, zinc, and carbon disulfide at one or more of the following locations, RH-MW-07S, RH-MW-09S, RH-MW-11D, RH-MW-16S, RH-MW-17S, and RH-SB-35. A tabular presentation of the exceedances of groundwater screening criteria is presented in Attachment No. 3.

The zinc detected in groundwater at locations RH-MW-09S during the September 1997 sampling event, RH-MW-16S during the April 1999 and May 1999 sampling event, and RH-MW-17S in the May 1999 sampling event do not represent exceedances of applicable groundwater screening criteria. The criterion in Table 3-7 for zinc is derived directly from the DEP Surface Water Protection Criteria. The Surface Water Protection Criterion for zinc is calculated by multiplying the aquatic life criteria protective of chronic health effects by a dilution attenuation factor of 10. In 1997, the DEP revised the aquatic life criteria for surface waters. As a result, the current aquatic life criteria protective of

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chronic health effects in surface water for zinc is 0.0582 mg/l, above the previous 0.0123 mg/l standard in existence at the time of the development of the generic screening levels. As a result, the screening criterion for zinc for the purposes of comparison of groundwater data is 0.582 mg/l ( $0.0582 \times 10$ ). Since the concentrations of zinc detected in location RH-MW-16S, RH-MW-17S and RH-MW-09S during the noted sampling events do not exceed this criterion, additional evaluation of these data from these locations for zinc is not necessary.

Groundwater analytical data from a sample collected from the Ranney Well on November 18, 1988, was compared to the numeric criteria published in Table 3-8 of the above-referenced report. The table is titled *Generic P&W Groundwater Screening Levels (SLs) Based on Dermal Contact, P&W VCAP, Connecticut Facilities*. The groundwater analytical data from the same sample was also compared to the USEPA Maximum Contaminant Levels (MCLs). Analytical data from the Ranney Well indicated the presence of the following compounds (listed as compound and detected concentration) copper (0.019 mg/l), iron (0.210 mg/l), manganese (0.061 mg/l), sodium (14 mg/l), zinc (0.009 mg/l), alkalinity and hardness as calcium carbonate (50 mg/l), chloride (30 mg/l), Nitrate (8 mg/l), total dissolved solids (100 mg/l), and chloroform (2 µg/l). The detected concentrations are below both the screening criteria and the MCL (for those constituents listed in Table 3-8 and that have established MCLs). A copy of the analytical data from the Ranney Well sampling is included in Attachment 3 to this document.

Footnotes:

<sup>1</sup>“Contamination” and “contaminated” describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriate “levels” (appropriate for the protection of the groundwater resource and its beneficial uses).

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3. Has the **migration** of contaminated groundwater **stabilized** (such that contaminated groundwater is expected to remain within “existing area of contaminated groundwater”<sup>2</sup> as defined by the monitoring locations designated at the time of this determination)?
- \_\_\_\_\_  If yes - continue, after presenting or referencing the physical evidence (e.g., groundwater sampling/measurement/migration barrier data) and rationale why contaminated groundwater is expected to remain within the (horizontal or vertical) dimensions of the “existing area of groundwater contamination”<sup>2</sup>).
- \_\_\_\_\_ If no (contaminated groundwater is observed or expected to migrate beyond the designated locations defining the “existing area of groundwater contamination”<sup>2</sup>) - skip to #8 and enter “NO” status code, after providing an explanation.
- \_\_\_\_\_ If unknown - skip to #8 and enter “IN” status code.

Rationale and Reference(s):

At the time of this determination, the groundwater monitoring well network on the site consists of twenty one groundwater monitoring wells (RH-MW-01S through RH-MW-18S and RH-MW-06D, RH-MW-11D, and RH-MW-17D). The eighteen wells with S in the location identification designation are constructed such that the screen section intersects the groundwater table and were installed in March 1997. The remaining three wells, those with a D in the location identification designation, are constructed with screen sections immediately above the bedrock/unconsolidated material interface and were installed in February 1999. Groundwater samples were collected from monitoring wells RH-MW-01S through RH-MW-18S in September 1997. Groundwater samples were also collected from all twenty-one onsite wells in two separate events in April and May 1999. A single duplicate groundwater sample pair was also collected from soil boring RH-SB-35 in December 1999. A complete listing of constituents for which samples were analyzed during the September 1997, April 1999, May 1999, and December 1999 sampling events is provided in the tabular presentation of analytical data in Attachment No. 3.

As noted above, data from the April, May 1999 and December sampling events indicated exceedances of generic P&W screening levels in groundwater collected from locations RH-SB-35, RH-MW-07S, RH-MW-11D, RH-MW-16S, RH-MW-17S for one or more of the following constituents: arsenic, chromium, copper, lead, mercury, zinc, and carbon disulfide. A comparison of the data from wells sampled during the September 1997, April 1999 and May 1999 sampling events does not indicate that contaminated groundwater is migrating to unimpacted areas of the site.

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With regard to carbon disulfide detected in groundwater monitoring well RH-MW-17S, it is concluded that the presence of this compound is coincident with an area of perched groundwater beneath an existing facility structure that is not in direct communication with the underlying aquifer. As the perched groundwater is not in direct communication with the underlying aquifer and geologic, hydrogeologic and groundwater analytical data are available to support that migration has not occurred over a significant period of time since the presumed date of release (i.e. between 1927 and 1965) it is concluded that carbon disulfide impacted groundwater will not migrate beyond the current area of contamination.

Furthermore, arsenic, chromium, copper, lead, mercury, zinc are not predominant constituents of concern for the site based on past and current operations. The sporadic detection of these constituents in groundwater at the site coupled with the fact than none are considered predominant constituents of concern supports the conclusion that presence of these constituents in groundwater is not associated with an area or areas of contamination. For these reasons, it is concluded that groundwater is expected to remain within the existing area of contaminated groundwater as defined by the monitoring locations currently present at the site.

<sup>2</sup> "existing area of contaminated groundwater" is an area (with horizontal and vertical dimensions) that has been verifiably demonstrated to contain all relevant groundwater contamination for this determination, and is defined by designated (monitoring) locations proximate to the outer perimeter of "contamination" that can and will be sampled/tested in the future to physically verify that all "contaminated" groundwater remains within this area, and that the further migration of "contaminated" groundwater is not occurring. Reasonable allowances in the proximity of the monitoring locations are permissible to incorporate formal remedy decisions (i.e., including public participation) allowing a limited area for natural attenuation.

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4. Does "contaminated" groundwater **discharge** into surface water bodies?

- If yes - continue after identifying potentially affected surface water bodies.
- If no - skip to #7 (and enter a "YE" status code in #8, if #7 = yes) after providing an explanation and/or referencing documentation supporting that groundwater "contamination" does not enter surface water bodies.
- If unknown - skip to #8 and enter "IN" status code.

Rationale and Reference(s):

With the exception of groundwater in the vicinity of RH-MW-17S, the potential exists that groundwater represented by other monitoring points at the site could discharge to surface water. With regard to RH-MW-17S, it has been concluded that this well is constructed in a localized area of perched groundwater beneath an existing facility structure. The perched area is not in direct communication with the underlying aquifer. As the perched groundwater is not in direct communication with the underlying aquifer and geologic, hydrogeologic and groundwater analytical data are available to support that migration has not occurred over a significant period of time since the presumed date of release, it is concluded that impacted groundwater in the vicinity of RH-MW-17S does not, and will not, discharge to surface water.

The remainder of groundwater at the site could potentially discharge to either the Connecticut River or Dividend Brook. For this reason, the significance of any potential impact this groundwater may have on these adjoining surface waters will be further evaluated.

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5. Is the **discharge** of “contaminated” groundwater into surface water likely to be “**insignificant**” (i.e., the maximum concentration<sup>3</sup> of each contaminant discharging into surface water is less than 10 times their appropriate groundwater “level,” and there are no other conditions (e.g., the nature, and number, of discharging contaminants, or environmental setting), which significantly increase the potential for unacceptable impacts to surface water, sediments, or eco-systems at these concentrations)?

- x If yes - skip to #7 (and enter “YE” status code in #8 if #7 = yes), after documenting: 1) the maximum known or reasonably suspected concentration<sup>3</sup> of key contaminants discharged above their groundwater “level,” the value of the appropriate “level(s),” and if there is evidence that the concentrations are increasing; and 2) provide a statement of professional judgment/explanation (or reference documentation) supporting that the discharge of groundwater contaminants into the surface water is not anticipated to have unacceptable impacts to the receiving surface water, sediments, or eco-system.
- \_\_\_\_\_ If no - (the discharge of “contaminated” groundwater into surface water is potentially significant) - continue after documenting: 1) the maximum known or reasonably suspected concentration<sup>3</sup> of each contaminant discharged above its groundwater “level,” the value of the appropriate “level(s),” and if there is evidence that the concentrations are increasing; and 2) for any contaminants discharging into surface water in concentrations<sup>3</sup> greater than 100 times their appropriate groundwater “levels,” the estimated total amount (mass in kg/yr) of each of these contaminants that are being discharged (loaded) into the surface water body (at the time of the determination), and identify if there is evidence that the amount of discharging contaminants is increasing.
- \_\_\_\_\_ If unknown - enter “IN” status code in #8.

Rationale and Reference(s):

As noted above, a comparison of relevant/significant groundwater data to generic P&W screening levels indicated exceedances in groundwater collected from locations RH-SB-35, RH-MW-07S, RH-MW-11D, RH-MW-16S for one or more of the following constituents: arsenic, chromium, copper, lead, mercury, zinc, and carbon disulfide. As noted above, groundwater from RH-MW-17S is not considered to be representative of groundwater that discharges to surface water at the site.

The screening levels for groundwater discharging to surface water listed in the conceptual site model (CSM) were developed based on readily available published criteria. The

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readily available published criteria cited are protective of both human and ecological exposure. However, other applicable screening criteria with respect to evaluation of human exposures exist. Specifically, in evaluating the significance of direct human exposures to a surface water, in consideration of the effects of groundwater discharges to the surface water, comparison of the maximum contaminant level (MCL) multiplied by a dilution attenuation factor of 10 is considered an applicable screening criterion. The applicable screening criteria for evaluation of direct human exposures to surface in consideration of the effects of groundwater discharge to the surface water are as follows:

• Arsenic	0.05 mg/l x 10	=	0.5 mg/l
• Chromium	0.1 mg/l x 10	=	1 mg/l
• Copper	1.3 mg/l x 10	=	13 mg/l
• Lead	0.015 mg/l x 10	=	0.15 mg/l
• Mercury	0.002 mg/l x 10	=	0.02 mg/l
• Zinc	5 mg/l x 10	=	50 mg/l

Comparison with these criteria did not indicate any exceedances in groundwater at those locations representative of groundwater with the potential to discharge to surface water (RH-SB-35, RH-MW-07S, RH-MW-11D, RH-MW-16S). Therefore, the discharge of groundwater containing arsenic, chromium, copper, lead, mercury, and zinc at the detected concentrations to surface water is determined to be insignificant with respect to direct human exposure.

Of the compounds detected in groundwater at concentrations above the generic P&W screening levels, arsenic and mercury are considered potentially bioaccumulative compounds. Arsenic has been detected in 17 of 62 (27 percent) groundwater samples collected at the site. P&W generic groundwater screening levels for arsenic were exceeded in 10 of 62 (16 percent) groundwater samples collected at the site. Mercury has been detected in 5 of 72 (7 percent) groundwater samples collected at the site. P&W generic groundwater screening levels for mercury were exceeded in 1 of 72 (1 percent) groundwater samples collected from the site. Due to the infrequent detection of these compounds in groundwater at the site, potential bioaccumulative affects are not considered relevant in the evaluation of the data.

Furthermore, although arsenic can potentially bioaccumulate in fish tissue, a screening criteria of 10 times the arsenic MCL of 50 µg/L (using a default DAF of 10) was used to evaluate potential risks via groundwater discharge to surface water. This approach is appropriate because the bioaccumulative potential for arsenic is limited compared to other compounds, such as PCBs. The bioaccumulation factor (BCF), which relates aqueous concentrations with fish tissue concentrations, for arsenic is on the order of 1

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L/kg (Stephan, 1993; U.S. EPA, 1998)<sup>1,2</sup> compared to BCFs for PCBs (Aroclor 1016, 1248, 1254, and 1260) ranging from 26,000 to 660,000 L/kg in aquatic species (fish, shrimp, oysters) (ATSDR, 1998).<sup>3</sup> Given the low bioaccumulative potential for arsenic, human health risks as a result of exposure to arsenic via the fish ingestion is not expected to be significant and 10 times the MCL is expected to be protective of human health for all pathways, including fish ingestion.

Additionally, Dividend Brook is a small stream that is not likely to contain fish that would be attractive (i.e., of adequate size and appropriate species) to humans for ingestion. Furthermore, general fish advisories are in-place in Connecticut restricting ingestion of fish in fresh water bodies due to the presence of elevated levels of "background" mercury. This further reduces the likelihood of fish ingestion. For these reasons, the low concentrations of arsenic and mercury present in groundwater, coupled with the infrequent detection of these compounds in groundwater at the site support the determination that exposure to these compounds at the detected concentrations is insignificant with respect to potential human health risks associated with ingestion of fish obtained from Dividend Brook.

<sup>3</sup> As measured in groundwater prior to entry to the groundwater-surface water/sediment interaction (e.g., hyporheic) zone.

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<sup>1</sup> U.S. Environmental Protection Agency (USEPA). 1998. Region 6 Interim Strategy: Arsenic Freshwater Human Health Criterion for Fish Consumption. Last Update on 02/04/98.

<sup>2</sup> Stephan, C.E. 1993. Draft: Derivation of Proposed Human Health and Wildlife Bioaccumulation Factors for the Great Lakes Initiative. Duluth, MN. U.S Environmental Protection Agency, Office of Research and Development.

<sup>3</sup> Agency for Toxic Substances and Disease Registry (ATSDR). 1998. Toxicological Profile for Polychlorinated Biphenyls. Draft. U.S. Department of Human & Health Services.

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6. Can the **discharge** of “contaminated” groundwater into surface water be shown to be “**currently acceptable**” (i.e., not cause impacts to surface water, sediments or eco-systems that should not be allowed to continue until a final remedy decision can be made and implemented<sup>4</sup>)?

- \_\_\_\_\_ If yes - continue after either: 1) identifying the Final Remedy decision incorporating these conditions, or other site-specific criteria (developed for the protection of the site’s surface water, sediments, and eco-systems), and referencing supporting documentation demonstrating that these criteria are not exceeded by the discharging groundwater; OR
- 2) providing or referencing an interim-assessment,<sup>5</sup> appropriate to the potential for impact, that shows the discharge of groundwater contaminants into the surface water is (in the opinion of a trained specialists, including ecologist) adequately protective of receiving surface water, sediments, and eco-systems, until such time when a full assessment and final remedy decision can be made. Factors which should be considered in the interim-assessment (where appropriate to help identify the impact associated with discharging groundwater) include: surface water body size, flow, use/classification/habitats and contaminant loading limits, other sources of surface water/sediment contamination, surface water and sediment sample results and comparisons to available and appropriate surface water and sediment “levels,” as well as any other factors, such as effects on ecological receptors (e.g., via bio-assays/benthic surveys or site-specific ecological Risk Assessments), that the overseeing regulatory agency would deem appropriate for making the EI determination.
- \_\_\_\_\_ If no - (the discharge of “contaminated” groundwater can not be shown to be “**currently acceptable**”) - skip to #8 and enter “NO” status code, after documenting the currently unacceptable impacts to the surface water body, sediments, and/or eco-systems.
- \_\_\_\_\_ If unknown - skip to 8 and enter “IN” status code.

Rationale and Reference(s):

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<sup>4</sup> Note, because areas of inflowing groundwater can be critical habitats (e.g., nurseries or thermal refugia) for many species, appropriate specialist (e.g., ecologist) should be included in management decisions that could eliminate these areas by significantly altering or reversing groundwater flow pathways near surface water bodies.

<sup>5</sup> The understanding of the impacts of contaminated groundwater discharges into surface water bodies is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration to be reasonably certain that discharges are not causing currently unacceptable impacts to the surface waters, sediments or eco-systems.

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7. Will groundwater **monitoring** / measurement data (and surface water/sediment/ecological data, as necessary) be collected in the future to verify that contaminated groundwater has remained within the horizontal (or vertical, as necessary) dimensions of the “existing area of contaminated groundwater?”

If yes - continue after providing or citing documentation for planned activities or future sampling/measurement events. Specifically identify the well/measurement locations which will be tested in the future to verify the expectation (identified in #3) that groundwater contamination will not be migrating horizontally (or vertically, as necessary) beyond the “existing area of groundwater contamination.”

If no - enter “NO”\* status code in #8.

If unknown - enter “IN” status code in #8.

Rationale and Reference(s):

Exceedances of P&W generic screening criteria were noted in groundwater collected from locations RH-SB-35, RH-MW-07S, RH-MW-11D, RH-MW-16S, RH-MW-17S for one or more of the following constituents: arsenic, chromium, copper, lead, mercury, zinc, and carbon disulfide. However, as noted in Question 5 above, the generic P&W screening criteria were based on readily available published criteria that are protective of both ecological and human receptors. The evaluation presented in Question 5 above is appropriate in assessing the significance of human exposure to a surface water in consideration of the effects of groundwater discharges to the surface water. A comparison of the maximum concentration of arsenic, chromium, copper, lead, mercury and zinc detected in any groundwater sample collected from the site indicates these concentrations to be well below the MCLs multiplied by a dilution attenuation factor of 10. Based on this comparison, it is determined that the concentrations of arsenic, chromium, copper, lead, mercury, and zinc observed in groundwater from any location at the site represent an insignificant risk with respect to human exposure via surface water ingestion.

With regard to carbon disulfide detected in groundwater monitoring well RH-MW-17S, it is concluded that the presence of this compound is coincident with an area of perched groundwater beneath an existing facility structure that is not in direct communication with the underlying aquifer. As the perched groundwater does not impact the underlying aquifer and geologic, hydrogeologic and groundwater analytical data are available to support this conclusion, the groundwater is not representative of groundwater which has the potential to impact surface water.

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\*The performance of groundwater monitoring at the P&W Rocky Hill facility is not warranted, as even the maximum concentrations of contaminants detected in groundwater at the site do not represent a risk to surface water. Consequently, even if the highest levels of groundwater contamination detected at the site were to migrate to surface water, no adverse impacts would result. It is concluded that migration of contaminated groundwater is under control and Question 8 has been answered accordingly to document this conclusion.

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8. Check the appropriate RCRIS status codes for the Migration of Contaminated Groundwater Under Control EI (event code CA750), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (attach appropriate supporting documentation as well as a map of the facility).

- YE - Yes, "Migration of Contaminated Groundwater Under Control" has been verified. Based on a review of the information contained in this EI determination, it has been determined that the "Migration of Contaminated Groundwater" is "Under Control" at the Pratt & Whitney Rocky Hill Facility, EPA ID #CTD000844407, located at 60 Belamose Avenue, Rocky Hill, Connecticut. Specifically, this determination indicates that the migration of "contaminated" groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the "existing area of contaminated groundwater". This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
- NO - Unacceptable migration of contaminated groundwater is observed or expected.
- IN - More information is needed to make a determination.

Completed by (signature) E - W -  
(print) Ernest Waterman  
(title) Geologist

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Date 9/14/00

Locations where References may be found:

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Contact telephone and e-mail numbers

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(e-mail) \_\_\_\_\_

**RCRA Corrective Action  
Environmental Indicator (EI) RCRIS code (CA750)**

**LIST OF ATTACHMENTS**

- Attachment No. 1** Copies of Applicable Sections, *Conceptual Site Models and Screening Levels For Pratt & Whitney's VCAP Connecticut Facilities*, Gradient Corporation, December 19, 1997, revised September 18, 1998, and September 15, 1999
- Attachment No. 2** Site Plan
- Attachment No. 3** Summary of Groundwater Analytical Data and Constituents Detected in Groundwater, December 1999 Deep Soil Boring Installation Report, Generalized Geologic Cross Sections, and Ranney Well Results

**RCRA Corrective Action  
Environmental Indicator (EI) RCRIS code (CA750)**

**Attachment No. 1**

*Copies of Applicable Sections  
Conceptual Site Models and Screening Levels  
For  
Pratt & Whitney's VCAP Connecticut Facilities  
Gradient Corporation, December 19, 1997,  
revised September 18, 1998, and September 15, 1999*

## **8      Rocky Hill Belamose Avenue Facility**

A facility-specific CSM for the Rocky Hill Belamose Avenue Facility is developed in this chapter based on the activities undertaken at the facility. The generic P&W screening levels developed in Chapter 3 are evaluated for their applicability to facility-specific exposure conditions.

### **8.1    Introduction**

The Rocky Hill Belamose Avenue Facility consists of a main factory building, a separate power house, a wastewater treatment system, and several additional structures (e.g., flammable material and hazardous waste storage areas) on 51.5 acres of land (Pratt & Whitney/LEA, 1996). These structures are all in the northern portion of the facility which is completely enclosed by a dike (Figure 8-1). The southern portion of the facility is a wooded area that abuts the Connecticut River and contains the former American Enka landfill. Except for a well tower near the river, there are no current uses of the wooded portion of the facility. The northern portion of the facility is used for manufacturing jet engine components. The future use of the Rocky Hill property is expected to remain industrial.

The Rocky Hill facility is situated between Belamose Avenue to the west and the Connecticut River to the east (Figure 8-1). Surrounding land use is industrial and includes the Crown Petroleum Corporation Tank Farm to the north.

On August 29, 1997, Gradient conducted a facility visit and interviewed Pratt & Whitney employees to understand land use and activities at the Rocky Hill facility. We spoke with the Facilities Engineer and the Plant Manager. The visit and interviews revealed that the Rocky Hill facility is similar to other Pratt & Whitney manufacturing plants described by the generic CSM.

The unique characteristics of the Rocky Hill facility are:

- Dividend Brook discharges into the Connecticut River at the southeast corner of the property (Figure 8-1). Surface water and runoff from on-site paved areas most likely flow toward Dividend Brook.
- Groundwater at the facility flows to the south-southeast toward the confluence of the Connecticut River and Dividend Brook.
- Non-contact cooling water, in a closed loop system, comes from a Ranney-type collector well, near the Connecticut River.
- The only basement area is a locked tunnel near the former electrochemical machining area that was taken out of service in 1990. There are no groundwater seeps or standing water in the tunnel.
- Landscape maintenance is done less frequently at Rocky Hill than at other P&W facilities.
- There are no recreational activities at Rocky Hill. Many employees eat lunch off-site because the cafeteria has been closed. There are a few picnic tables on paved areas between buildings which may be used for lunch and other breaks.

## 8.2 Facility-Specific CSM and Screening Levels

The generic P&W CSM is modified, as appropriate, to: 1) delete any exposure scenarios or exposure pathways considered not to be "complete" at the Rocky Hill Belamose Avenue facility, and 2) add exposure scenarios (*i.e.*, receptors, pathways, and media) not included in the generic P&W CSM, if needed. Exposure conditions at the Rocky Hill Belamose Avenue facility are also evaluated against exposure conditions used in the development of generic P&W screening levels to determine if any modifications to these screening levels are required to reflect unique facility-specific conditions.

Overall, potential exposure scenarios and exposure conditions at the Rocky Hill Belamose Avenue facility are similar to exposure scenarios and conditions presented in the generic P&W CSM and the generic P&W screening levels. Since the non-contact cooling water obtained using the Ranney well could potentially be affected by groundwater leaving the site, exposures to this water are included in the facility-specific CSM.

Figure 8-2 presents the potential receptors at the Rocky Hill facility and the complete exposure pathways for these receptors. Potential on-site receptors include:

- Excavating Laborers -- Excavation is done at most once or twice per year to relocate machinery, and the typical duration for this work is 2 days; therefore, this exposure pathway is not significant at this facility. Furthermore, since DPR is used to control exposures during subsurface excavations, no screening is required (see Section 3.0).
- Maintenance Workers -- Exposure scenario same as in generic P&W CSM, although, subsurface maintenance activities are undertaken infrequently at this facility. DPR is used to control all exposures, except dermal contact with groundwater while repairing cooling water lines and indoor air exposure. Screening levels proposed in Section 3.0 will be used to address these exposures.
- Groundskeepers -- Unpaved areas are not maintained. P&W personnel mow grassy areas once during the summer. However, in order to be conservative, no modifications to the generic P&W screening levels are proposed.
- Indoor Workers -- Exposure scenario same as in generic P&W CSM. No modifications to generic P&W screening levels proposed. Since the Ranney well water is only used for non-contact cooling, Indoor Workers do not come in dermal contact with this water and indoor air quality is also not likely to be affected by this water.
- Samplers -- Exposure scenario same as in generic P&W CSM. No modifications to generic P&W screening levels proposed. Since the Ranney well water is used as a source of process water at the facility, water quality data for this source will be screened against MCLs to evaluate whether surface water/sediment-related risks need to be further assessed at outfalls that only convey process water.
- Trespassers -- Exposure scenario same as in generic P&W CSM. No modifications to generic P&W screening levels proposed.
- On-Site Recreators -- Not applicable. Employees do not recreate at the facility.

Off-site receptors and screening levels considered for the Rocky Hill facility are:

- Off-Site Utility Repair Workers -- Not applicable because the direction of groundwater flow is toward the Connecticut River, which abuts the facility boundary. Therefore, there are no off-site areas between the facility and the river.
- Off-Site Recreators -- Exposure scenario same as in generic P&W CSM. No modifications to generic P&W screening levels proposed.

- Off-Site Residents -- Not applicable because groundwater flow is toward the Connecticut River, which abuts the facility boundary. In addition, land use around the facility is not residential and is zoned for "manufacturing" or "office industry."

Table 8-1 summarizes the facility-specific CSM and compares the potential facility-specific receptors to the generic CSM receptors. Primary consideration is given to whether the exposure conditions described by the generic CSM are significantly different from facility-specific exposure conditions. Exposure Areas (EAs) for each of the facility receptors are also identified (Figure 8-3).

Table 8-2 presents a summary of the exposure media and pathways for each receptor and points the reader to other tables which contain the screening levels for these media and pathways.

**Table 8-1**  
**Summary of Facility-Specific Receptors and Comparison to Generic P&W Receptors**  
**Pratt & Whitney, Rocky Hill Belamose Avenue Facility, CT**

Potential Receptors	Exposure assumptions significantly different from generic CSM?	Facility-Specific Receptor Characteristics	Exposure Area
Excavating Laborers	No screening proposed since exposures are controlled by DPR.		
Maintenance Workers	Yes. DPR controls all exposures, except groundwater exposure during cooling water line repair and indoor air exposure. Screening proposed to address these exposures.	None	Not defined*
Groundskeepers	Yes	infrequent, EF = 5 days/year**	Figure 8-3
Indoor Workers	No	None	Figure 8-3
Samplers	No	None	Figure 8-3
Trespassers	No	None	Figure 8-3
On-Site Recreators	Yes, no exposure	Not applicable	Not applicable
Off-Site Utility Repair Workers	Yes, no exposure	Not applicable	Not applicable
Off-Site Recreators	No	None	Not defined*
Off-Site Residents	Yes, no exposure	Not applicable	Not applicable

*Notes:*

*NSP: No Screening Proposed*

*\* Exposure areas are not defined, however screening is proposed as indicated in Table 8-2.*

*\*\*Although the exposure frequency (EF) is less than the EF used in deriving the generic screening levels, the generic screening levels will be used in the Qualitative Risk Assessment to provide a conservative screening.*

**Table 8-2**  
**Summary of Screening Levels and Proposed Screening Approach**  
**Pratt & Whitney, Rocky Hill Belamose Avenue Facility, CT**

Exposure Media	Soil	Trench Air	Indoor Air	Surface Water	Sediment	Groundwater
Exposure Pathways	Ingestion and Dermal	Inhalation	Inhalation	Ingestion and Dermal	Ingestion and Dermal	Dermal
Maintenance Workers	DPR	DPR	Table 3-4	N/A	N/A	Table 3-8*
Groundskeepers	Table 3-10	N/A	N/A	N/A	N/A	N/A
Indoor Workers	N/A	N/A	Table 3-4	N/A	N/A	N/A
Samplers	Table 3-10	N/A	Table 3-4	Tables 3-6, 3-7, MCLs**	Table 3-10**	MCLs**
Trespassers	Table 3-10	NA	N/A	Table 3-6, 3-7	Table 3-10	N/A
Off-Site Recreators	N/A	N/A	N/A	Table 3-6, 3-7	Table 3-10	N/A
Proposed Screening Approach	Compare max by EA to P&W soil screening level	NSP	Compare measured indoor air concentrations to on-site indoor air screening levels.	Compare surface water, groundwater concentrations to CT criteria	Compare max by EA to P&W soil screening level	Compare cooling water concentrations to P&W groundwater screening levels

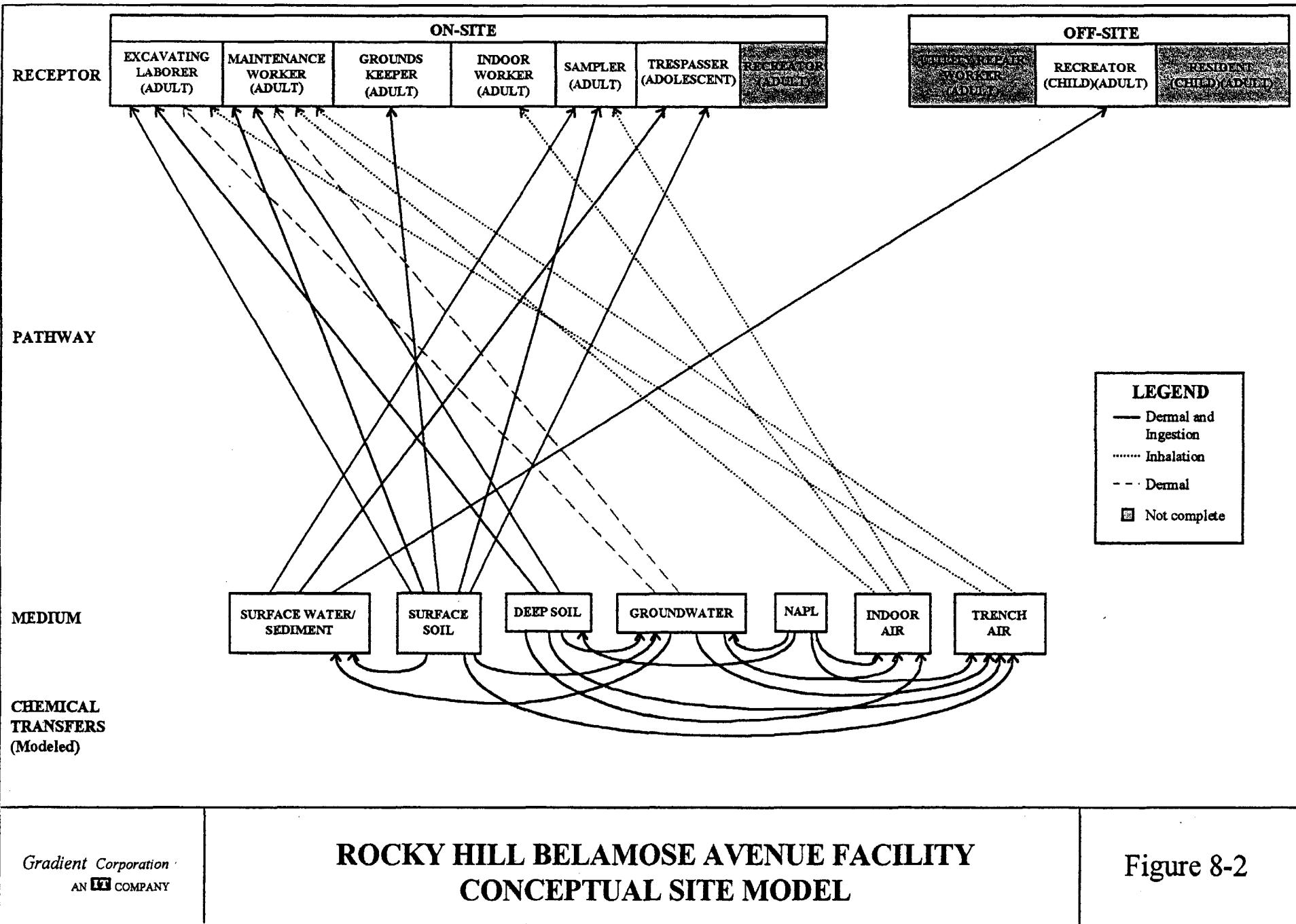
*Notes:*

*N/A: Indicates that receptor is not exposed to medium/pathway.*

*NSP: No Screening Proposed.*

*\*: Screening will evaluate dermal contact with groundwater while repairing cooling water lines.*

*\*\*: Ranney well water quality will be screened against MCLs to evaluate whether surface water/sediment-related risks need to be further evaluated at process water outfalls.*



**RCRA Corrective Action  
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**Attachment No. 2**

*Site Plan  
Environmental Indicator Determination  
For  
Pratt & Whitney Rocky Hill Facility*

**US EPA New England  
RCRA Document Management System (RDMS)  
Image Target Sheet**

**RDMS Document ID# 710**

**Facility Name:** Pratt & Whitney (Rocky Hill)

**Phase Classification:** R-13

**Document Title:** Environmental Indicator (EI) Determination,  
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YE) - Pratt & Whitney Rocky Hill

**Date of Document:** 09-11-2000

**Document Type:** EI Determination

**Purpose of Target Sheet:**

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Below)**

**Comments:**

Determination of Environmental Indicators - Migration of  
Contaminated Groundwater Under Control

**RCRA Corrective Action  
Environmental Indicator (EI) RCRIS code (CA750)**

**Attachment No. 3**

*Summary of Groundwater Analytical Data and  
Constituents Detected in Groundwater,  
December 1999 Deep Soil Boring Report,  
Generalized Geologic Cross Sections, and  
Ranney Well Results  
Environmental Indicator Determination  
For  
Pratt & Whitney Rocky Hill Facility*

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**GROUNDWATER MONITORING  
IN SUPPORT OF  
VCAP RISK ASSESSMENT**

**Pratt & Whitney  
60 Belamose Avenue  
Rocky Hill, CT**

**February 2000**

**Prepared for**

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## **1. SUMMARY**

A round of groundwater monitoring was performed at the Pratt & Whitney, Rocky Hill facility in Rocky Hill, Connecticut in support of the Voluntary Corrective Action Program (VCAP) Risk Assessment. Groundwater samples were collected from twenty-one existing monitoring wells on site. The samples collected were analyzed for: volatile organic compounds (VOCs); semivolatile organic compounds (SVOCs); total petroleum hydrocarbons (TPH); and the following filtered and unfiltered metals: arsenic, barium, beryllium, cadmium, total chromium, copper, lead, mercury, nickel, selenium, silver, and zinc.

## **2. FACILITY INFORMATION**

The Rocky Hill facility is located at 60 Belamose Avenue, Rocky Hill, Connecticut. The facility lies at the eastern end of Belamose Avenue, north of Dividend Brook, and west of the Main Street facility and west of the Connecticut River. The facility consists of a main factory building, a separate power house, and several auxiliary buildings on 51.5 acres of land.

The site includes two hazardous waste storage buildings located on the east side of the main building; an NPDES-permitted wastewater treatment system located on the south side of the main building, and general flammable materials storage areas. The facilities are located on the northern portion of the site. The southern portion of the site is the location of a former landfill, and is not presently used.

Groundwater quality in the area of the site has been classified as GB. Class GB groundwaters are groundwaters within historically highly urbanized areas or areas of intense industrial activity and where public water supply service is available. Class GB groundwaters are presumed suitable for industrial uses, but are presumed to be unsuitable for direct human consumption due to waste discharges, spills or leaks of chemicals, or other land use impacts.

## **3. METHODOLOGY**

Groundwater samples were collected by LEA personnel on April 7 and 8, 1999, and May 17 and 18, 1999, from 21 existing monitoring wells. Prior to sampling the depth to water and total depth of each monitoring well were recorded. From this information the total volume of water contained in each monitoring well was calculated. The water was purged initially and parameters such as pH, temperature and conductivity were recorded. Once the initial volume of water was removed, the monitoring well was purged a minimum of three times the standing water volume. The turbidity of the groundwater was measured upon purging three well volumes.



In cases where the turbidity was greater than 20 Nephelometric Turbidity Units (NTU), up to 2 additional well volumes were purged while monitoring turbidity.

Samples for SVOCs, TPH, and metals were collected using a peristaltic pump equipped with dedicated polyethylene tubing. The filtered metals samples collected were filtered in the field using a dedicated 0.45-micron in-line filter assembly. Unfiltered samples for metals were collected as well.

Because of the small diameter (0.5 inch) of the majority of monitoring wells at the Rocky Hill facility, samples for VOCs were also collected using a peristaltic pump equipped with dedicated polyethylene tubing. Samples collected for VOCs from monitoring wells RH-MW-06D, RH-MW-11D, and RH-MW-17D were collected using disposable bailers.

All samples were collected directly into pre-labeled, laboratory-supplied glassware. The containers were sealed, placed in an iced cooler, and shipped to Lancaster Laboratories under chain-of-custody procedures for analysis for the selected analytical parameters

In addition, two equipment blanks, three trip blanks, two duplicate sample and one performance evaluation sample were collected for quality assurance/quality control (QA/QC) purposes.

The locations of all monitoring wells are shown on the Site Plan provided as Attachment No. 2 of the *Documentation of Environmental Indicator Determination for Migration of Contaminated Groundwater Under Control*.

#### 4. RESULTS

A summary of the groundwater monitoring well information including the screened interval, reference elevation, and groundwater elevations for the monitoring wells sampled are provided in Table 1. A summary of the analytical results for the two above-described events is provided in Table 2. A summary of the constituents detected for the two above-described events is provided in Table 3. A summary of all analytical results for groundwater samples collected at the Rocky Hill facility during the two sampling events is presented in Table 4. The unfiltered samples are designated as total concentrations ('total') in the tables. The monitoring well locations are shown on the Site Plan provided as Attachment No. 2 of the *Documentation of Environmental Indicator Determination for Migration of Contaminated Groundwater Under Control*.

Volatile organic compounds detected in groundwater samples collected during the April 1999 sampling event, and their maximum concentrations, included carbon disulfide (120,000 µg/l), chloroform (43 µg/l), dichlorobromomethane (2J µg/l), tetrachloroethylene (24 µg/l), and

trichloroethylene (1J  $\mu\text{g/l}$ ). The "J" qualifier indicates that the concentrations were estimated. The highest concentration of VOCs occurred in monitoring well RH-MW-17S.

Semivolatile organic compounds detected in groundwater samples collected during the April 1999 groundwater sampling event, and their maximum concentrations, included acenaphthene (1J  $\text{mg/l}$ ), and bis (2-ethylhexyl) phthalate (4J  $\text{mg/l}$ ).

Total petroleum hydrocarbons were not detected in any of the groundwater samples collected during the April 1999 sampling event.

Metals detected in filtered groundwater samples collected during the April 1999 groundwater sampling event included arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, and zinc. The maximum observed concentrations of each of these metals was: arsenic 0.0101  $\text{mg/l}$ ; barium 0.207  $\text{mg/l}$ ; beryllium 0.0022  $\text{mg/l}$ ; cadmium 0.00038  $\text{mg/l}$ ; chromium 0.036  $\text{mg/l}$ ; copper 0.0085 B  $\text{mg/l}$ ; lead 0.0030 J  $\text{mg/l}$ ; mercury 0.000068 B  $\text{mg/l}$ ; nickel 0.0412 B  $\text{mg/l}$ ; selenium 0.0113 N  $\text{mg/l}$ ; and zinc 2.29  $\text{mg/l}$ . The "B" qualifier indicates that the reported concentration is greater than the instrumental detection limit (IDL) but below than the contract required detection limit (CRDL), and the "N" qualifier indicates that sample spike was not within control limits.

Metals detected in unfiltered groundwater samples collected during the May 1999 groundwater sampling event included arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, silver, and zinc. Metals collected from unfiltered groundwater samples are denoted as "(Total)" in the data tabulations. The maximum observed concentrations of each of these metals was: arsenic 0.0093 B  $\text{mg/l}$ ; barium 0.222  $\text{mg/l}$ ; cadmium 0.00046 B  $\text{mg/l}$ ; chromium 0.037  $\text{mg/l}$ ; copper 0.161  $\text{mg/l}$ ; lead 0.0854  $\text{mg/l}$ ; mercury 0.00066  $\text{mg/l}$ ; nickel 0.0417 B  $\text{mg/l}$ ; silver 0.0079 B  $\text{mg/l}$ ; and zinc 1.72  $\text{mg/l}$ . The "B" qualifier indicates that the reported concentration is greater than the IDL but below than the CRDL.

With the exception of results from RH-MW-16S, a comparison of the metals concentrations of the filtered and unfiltered samples in most cases resulted in reasonable agreement. Metals concentrations are typically lower in the filtered samples, in some cases the concentrations are for all practical purposes equivalent. With regard to data from RH-MW-16S, the groundwater from this well exhibited turbidity in excess of 200 NTU. As a result, the filtered groundwater sample from this location contains significantly lower concentrations of metals in comparison to the unfiltered groundwater sample.

Groundwater data were compared to the numeric criteria published in Table 3-7 of the *Conceptual Site Models and Screening Levels for Pratt & Whitney's VCAP Connecticut*

*Facilities*, prepared by Gradient Corporation, issued on December 19, 1997, revised on September 18, 1998, and September 15, 1999. Table 3-7 is entitled *Generic P&W Groundwater Screening Levels (SLs) Based on Surface Water Protection P&W VCAP, Connecticut Facilities*. Exceedances of the screening levels in Table 3-7 were noted for arsenic, copper, lead, mercury, zinc, and carbon disulfide. Summaries of the exceedances of the applicable screening levels are provided in Tables 5 and 6 and are discussed in greater detail below.

The exceptions in comparison to the Table 3-7 screening criterion are: arsenic at concentrations of 0.0101 mg/l (RH-MW-11D), and 0.0119 mg/l (RH-MW-07S); copper at a concentration of 0.161 mg/l (RH-MW-16S); lead at a concentration of 0.0854 mg/l (RH-MW-16S); mercury at a concentration of 0.00066 mg/l (RH-MW-16S); zinc at concentrations of 1.72 mg/l (RH-MW-16S), 2.29 mg/l (RH-MW-17S), 0.153 mg/l (RH-MW-09S), and carbon disulfide at an average concentration of 104,000 µg/l in two replicate samples (RH-MW-17S).

The screening levels for groundwater discharging to surface water listed in the conceptual site model (CSM) were developed based on readily available published criteria. The readily available published criteria cited are protective of both human and ecological exposure. However, other applicable screening criteria with respect to evaluation of human exposures exist. Specifically, in evaluating the significance of direct human exposures to a surface water in consideration of the effects of groundwater discharges to the surface water, comparison of the maximum contaminant level (MCL) multiplied by a dilution attenuation factor of 10 is considered an applicable screening criterion. The applicable screening criteria for evaluation of direct human exposures to surface in consideration of the effects of groundwater discharge to the surface water are as follows:

• Arsenic	0.05 mg/l x 10	=	0.5 mg/l
• Chromium	0.1 mg/l x 10	=	1 mg/l
• Copper	1.3 mg/l x 10	=	13 mg/l
• Lead	0.015 mg/l x 10	=	0.15 mg/l
• Mercury	0.002 mg/l x 10	=	0.02 mg/l
• Zinc	5 mg/l x 10	=	50 mg/l

Comparison with these criteria did not indicate any exceedances in groundwater. With regard to carbon disulfide detected in well RH-MW-17S, wells located downgradient of this location do not contain concentrations of carbon disulfide. As a result, the concentration of carbon disulfide detected in groundwater at location RH-MW-17S does not pose a risk to surface water.

A performance evaluation sample for metals, TPH, SVOCs, and VOCs was also submitted for analysis during the April 1999 sampling event. The concentration for arsenic was reported to be

0.182 mg/l, which lies between the vendor-certified acceptance values (0.150-0.236 mg/l). The concentration for lead was reported to be 0.467 mg/l, which lies between the vendor-certified acceptance criteria (0.410-0.590 mg/l). These results were obtained for quality assurance/quality control (QA/QC) purposes. The concentration of TPH was reported to be 0.58 mg/l, which lies outside the vendor-certified acceptance criteria (0.720-1.05 mg/l). All of the VOCs certified by the vendor to be present (tetrachloroethylene, 1,1,2-trichloroethane, and vinyl chloride) were reported as not detected by Lancaster. In response to these results, Lancaster conducted an investigation. The results of that investigation were not available as of the time of this report.

**Table 1**  
**Summary of On-Site Monitoring Wells**

Location Identifier	Top of Casing Elevation	Top of Cover Elevation	Top of Riser Elevation	Depth of Well	Depth of Boring	Screened Interval (Feet BGS)
RH-MW-1S		28.56	28.33	27.0	27.0	18.0 - 27.0
RH-MW-2S	38.16		37.83	38.0	38.0	26.0 - 38.0
RH-MW-3S		27.46	27.08	28.0	28.0	19.0 - 28.0
RH-MW-4S	19.76		19.58	18.5	20.0	8.5 - 18.5
RH-MW-5S	24.83		24.50	19.0	20.0	10.0 - 19.0
RH-MW-6S	29.33		29.07	25.0	26.0	16.0 - 25.0
RH-MW-6D			28.08	120.0	132.0	114.0 - 119.0
RH-MW-7S	26.17		26.10	24.0	24.0	12.0 - 24.0
RH-MW-8S	25.53		25.24	21.0	21.0	12.0 - 21.0
RH-MW-9S	29.26		29.08	24.0	24.0	15.0 - 24.0
RH-MW-10S		23.93	23.62	23.0	23.0	14.0 - 23.0
RH-MW-11S		22.90	22.49	22.5	22.5	13.5 - 22.5
RH-MW-11D			22.56	145.5	146.0	140.0 - 145.0
RH-MW-12S		23.90	23.75	24.0	24.0	15.0 - 24.0
RH-MW-13S	31.00		30.65	26.0	26.0	17.0 - 26.0
RH-MW-14S		28.51	28.19	27.0	27.0	18.0 - 27.0
RH-MW-15S	30.69		30.16	24.0	24.0	15.0 - 24.0
RH-MW-16S			32.03	27.0	27.0	18.0 - 27.0
RH-MW-17S			28.74	15.0	15.0	6.0 - 15.0
RH-MW-17D			28.80	134.5	152.0	128.0 - 133.0
RH-MW-18S			28.57	30.0	30.0	21.0 - 33.0

**Table 2**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

Page 1 of 2

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extractions	Miscellaneous
RH-MW-10S	1642985	9/18/97	14.0	23.0	GW		x					x		
RH-MW-10S	1837029	4/7/99	14.0	23.0	GW		x					x		
RH-MW-10S	1839134	5/14/99	14.0	23.0	GW							x		x
RH-MW-11D	1837050	4/9/99	140.0	145.0	GW		x	x				x		
RH-MW-11D	1839139	5/17/99	140.0	145.0	GW							x		x
RH-MW-11D	1839140	5/17/99	140.0	145.0	GW							x		x
RH-MW-11S	1642989	9/19/97	13.5	22.5	GW		x					x		
RH-MW-11S	1837030	4/7/99	13.5	22.5	GW		x					x		
RH-MW-11S	1839141	5/17/99	13.5	22.5	GW							x		x
RH-MW-12S	1642990	9/19/97	15.0	24.0	GW		x					x		
RH-MW-12S	1837036	4/8/99	15.0	24.0	GW		x					x		
RH-MW-13S	1642991	9/19/97	17.0	26.0	GW		x					x		
RH-MW-13S	1837037	4/8/99	17.0	26.0	GW		x					x		
RH-MW-13S	1839135	5/14/99	17.0	26.0	GW							x		x
RH-MW-14S	1642992	9/19/97	18.0	27.0	GW		x					x		
RH-MW-14S	1837038	4/8/99	18.0	27.0	GW		x					x		
RH-MW-14S	1839136	5/14/99	18.0	27.0	GW							x		x
RH-MW-15S	1837039	4/8/99	15.0	24.0	GW		x							
RH-MW-16S	1642976	9/18/97	18.0	27.0	GW		x	x				x		x
RH-MW-16S	1837028	4/7/99	18.0	27.0	GW		x	x				x		x
RH-MW-16S	1839150	5/18/99	18.0	27.0	GW							x		x
RH-MW-17D	1837052	4/9/99	0.0		GW		x	x				x		
RH-MW-17D	1839146	5/17/99	0.0		GW							x		x
RH-MW-17S	1642988	9/19/97	6.0	15.0	GW		x	x				x		x
RH-MW-17S	1837044	4/8/99	6.0	15.0	GW		x	x				x		x
RH-MW-17S	1837045	4/8/99	6.0	15.0	GW		x	x				x		x
RH-MW-17S	1839147	5/17/99	6.0	15.0	GW							x		x
RH-MW-18S	1642732	10/9/97	21.0	30.0	GW		x	x				x		x
RH-MW-1S	1642987a	9/19/97	18.0	27.0	GW		x					x		
RH-MW-1S	1837025	4/7/99	18.0	27.0	GW		x					x		
RH-MW-1S	1839149	5/18/99	18.0	27.0	GW							x		x

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

2. Printed on 02/17/00



**Table 2**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extractions	Miscellaneous
RH-MW-2S	1642983	9/18/97	26.0	38.0	GW		x					x		
RH-MW-2S	1837041	4/ 8/99	26.0	38.0	GW		x					x		
RH-MW-2S	1839154	5/18/99	26.0	38.0	GW							x		x
RH-MW-3S	1642982	9/18/97	19.00	28.00	GW		x					x		
RH-MW-3S	1837040	4/ 8/99	19.0	28.0	GW		x	x				x		x
RH-MW-3S	1839153	5/18/99	19.0	28.0	GW							x		x
RH-MW-4S	1642981	9/18/97	8.5	18.5	GW		x					x		
RH-MW-4S	1837042	4/ 8/99	8.5	18.5	GW		x					x		
RH-MW-4S	1837043	4/ 8/99	8.5	18.5	GW		x	x				x		x
RH-MW-4S	1839152	5/18/99	8.5	18.5	GW							x		x
RH-MW-5S	1642980	9/18/97	10.0	19.0	GW		x					x		
RH-MW-5S	1837034	4/ 7/99	10.0	19.0	GW		x					x		
RH-MW-5S	1839145	5/17/99	10.0	19.0	GW							x		x
RH-MW-6D	1837048	4/ 9/99	114.0	119.0	GW		x	x				x		
RH-MW-6D	1839142	5/17/99	114.0	119.0	GW							x		x
RH-MW-6S	1642977	9/18/97	16.0	25.0	GW		x	x				x		x
RH-MW-6S	1837032	4/ 7/99	16.0	25.0	GW		x	x				x		x
RH-MW-6S	1839143	5/17/99	16.0	25.0	GW							x		x
RH-MW-7S	1642978	9/18/97	12.0	24.0	GW		x	x				x		x
RH-MW-7S	1642979	9/18/97	12.0	24.0	GW		x	x				x		x
RH-MW-7S	1837031	4/ 7/99	12.0	24.0	GW		x	x				x		x
RH-MW-7S	1839144	5/17/99	12.0	24.0	GW							x		x
RH-MW-8S	1642975	9/18/97	12.0	21.0	GW		x					x		x
RH-MW-8S	1837026	4/ 7/99	12.0	21.0	GW		x					x		x
RH-MW-8S	1839132	5/14/99	12.0	21.0	GW							x		x
RH-MW-9S	1642984	9/18/97	15.0	24.0	GW		x					x		
RH-MW-9S	1837027	4/ 7/99	15.0	24.0	GW		x					x		
RH-MW-9S	1839133	5/14/99	15.0	24.0	GW							x		x
RH-SB-35	1949030	12/20/99	24	28	GW	x	x					x		x
RH-SB-35	1949035	12/23/99	83	87	GW		x					x		x

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

2. Printed on 02/17/00

**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-11D	RH-MW-11D	RH-MW-11D	RH-MW-11D
	Sample ID	1837029	1839134	1839134	1837050	1839139	1839139	1839140
	Sample Date	04/07/1999	05/14/1999	05/14/1999	04/09/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	12:15	11:00	11:00	11:45	11:00	11:00	11:00
	Sample Depth	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.
	Laboratory	LANC						
	Lab. Number	3126218	3152936	3152966	3128127	3154062	3154071	3154063
Constituent	Units							
Depth of Well	FT		22.28	22.28		144.11	144.11	144.11
Depth to Water	FT		18.02	18.02		18.39	18.39	18.39
Specific Conductivity (field)	µmhos	319	382	382	374	1101	1101	1101
Water Elevation	FT		5.60	5.60		-18.39	-18.39	-18.39
pH (field)	SU	7.00	15.0	15.0	7.96	8.12	8.12	8.12
Date Metals Analyzed	-	04/14/1999	05/20/1999	05/23/1999	04/22/1999	05/20/1999	05/23/1999	05/20/1999
Date Organics Analyzed	-				04/22/1999			
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-				04/14/1999			
Arsenic	mg/L				0.0090 B		0.0101	
Arsenic (Unfiltered)	mg/L					0.0093 B		0.0088 B
Barium	mg/L	0.0266 J		0.0392 B	0.0350 B		0.0417 B	
Barium (Unfiltered)	mg/L		0.0567 B			0.0421 B		0.0419 B
Beryllium	mg/L							
Cadmium	mg/L							
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L							
Chromium (Unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (Unfiltered)	mg/L							
Lead	mg/L			0.0023 B				
Lead (Unfiltered)	mg/L							
Mercury	mg/L							
Mercury (Unfiltered)	mg/L							
Nickel	mg/L							
Nickel (Unfiltered)	mg/L							
Selenium	mg/L							

Notes: 1. Only Detects Shown

2. Printed on 02/17/00

**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Only Detects Shown  
2. Printed on 02/17/00



**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-12S	RH-MW-13S
	Sample ID	1839140	1642989	1837030	1839141	1839141	1837036	1642991
	Sample Date	05/17/1999	09/19/1997	04/07/1999	05/17/1999	05/17/1999	04/08/1999	09/19/1997
	Sample Time	11:00	10:10	13:00	10:45	10:45	08:55	10:55
	Sample Depth	140.0' - 145.	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	15.0' - 24.0'	17.0' - 26.0'
	Laboratory	LANC	QUAN	LANC	LANC	LANC	LANC	QUAN
	Lab. Number	3154072	A7I230103003	3126219	3154064	3154073	3127204	A7I230103005
Constituent	Units							
Depth of Well	FT	144.11	21.16		21.18	21.18		28.80
Depth to Water	FT	18.39	18.70		17.16	17.16		26.17
Specific Conductivity (field)	µmhos	1101	164	117.8	105.4	105.4	499	813
Water Elevation	FT	-18.39	3.79		5.33	5.33		4.48
pH (field)	SU	8.12	6.36	13.5	7.06	7.06	6.92	5.09
Date Metals Analyzed	-	05/23/1999		04/14/1999	05/20/1999	05/23/1999	04/14/1999	09/25/1997
Date Organics Analyzed	-		10/03/1997	04/13/1999			04/15/1999	
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/L	0.0099 B						
Arsenic (Unfiltered)	mg/L							
Barium	mg/L	0.0424 B		0.0712 J		0.0573 B	0.0468 J	
Barium (Unfiltered)	mg/L				0.0654 B			
Beryllium	mg/L							
Cadmium	mg/L							
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L							
Chromium (Unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (Unfiltered)	mg/L							
Lead	mg/L							
Lead (Unfiltered)	mg/L							
Mercury	mg/L							
Mercury (Unfiltered)	mg/L							
Nickel	mg/L						0.0403	
Nickel (Unfiltered)	mg/L							
Selenium	mg/L							

Notes: 1. Only Detects Shown

2. Printed on 02/17/00

**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Only Detects Shown  
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**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S
Sample ID	1837037	1839135	1839135	1642992	1837038	1839136	1839136	1839136
Sample Date	04/08/1999	05/14/1999	05/14/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999
Sample Time	09:15	11:45	11:45	11:15	09:40	12:30	12:30	12:30
Sample Depth	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
Laboratory	LANC	LANC	LANC	QUAN	LANC	LANC	LANC	LANC
Lab. Number	3127205	3152937	3152967	A7I230103006	3127203	3152938	3152968	3152968
Constituent	Units							
Depth of Well	FT		28.96	28.96	26.65		26.69	26.69
Depth to Water	FT		24.58	24.58	23.97		22.21	22.21
Specific Conductivity (field)	µmhos	869	598	598	278	256	136.2	136.2
Water Elevation	FT		6.07	6.07	4.22		5.98	5.98
pH (field)	SU	6.62	6.20	6.20	6.72	7.73	6.69	6.69
Date Metals Analyzed	-	04/14/1999	05/20/1999	05/23/1999	09/25/1997	04/14/1999	05/20/1999	05/23/1999
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (Unfiltered)	mg/L							
Barium	mg/L	0.0371 J		0.0477 B		0.0893 J		0.0811 B
Barium (Unfiltered)	mg/L		0.0472 B				0.0916 B	
Beryllium	mg/L			0.0021 B				
Cadmium	mg/L			0.00023 B				
Cadmium (Unfiltered)	mg/L		0.00046 B					
Chromium	mg/L							
Chromium (Unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (Unfiltered)	mg/L							
Lead	mg/L							
Lead (Unfiltered)	mg/L							
Mercury	mg/L							
Mercury (Unfiltered)	mg/L						0.000057 B	
Nickel	mg/L	0.0266 J		0.0412 B				
Nickel (Unfiltered)	mg/L		0.0417 B				0.0067 B	
Selenium	mg/L					0.0023 J		0.0024 BN

Notes: 1. Only Detects Shown

2. Printed on 02/17/00

**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Only Detects Shown  
2. Printed on 02/17/00



**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-17D	RH-MW-17D
Sample ID	1642976	1837028	1839150	1839150	1839150	1839150	1837052	1839146
Sample Date	09/18/1997	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	04/09/1999	05/17/1999
Sample Time	10:30	11:30	11:05	11:05	11:05	11:05	14:50	15:45
Sample Depth	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	0.0'	0.0'
Laboratory	QUAN	LANC	AEL	LANC	LANC	LANC	LANC	LANC
Lab. Number	A7I220134002	3126217	AEL99004916	3154943	3154975	3128129	3154069	
Constituent	Units							
Depth of Well	FT	28.90		30.26	30.26	30.26		133.65
Depth to Water	FT	25.18		24.96	24.96	24.96		22.10
Specific Conductivity (field)	µmhos	426	439	644	644	644	420	523
Water Elevation	FT	6.85		7.07	7.07	7.07		-22.10
pH (field)	SU	7.06	7.32	6.92	6.92	6.92	8.29	7.04
Date Metals Analyzed	-	09/25/1997	04/14/1999	05/20/1999	05/26/1999	05/26/1999	04/22/1999	05/20/1999
Date Organics Analyzed	-						04/23/1999	
Date Physical Analyzed	-	10/03/1997	04/16/1999					
Date Semi-volatile Organics Analyzed	-						04/14/1999	
Arsenic	mg/L							
Arsenic (Unfiltered)	mg/L				0.0050 B			
Barium	mg/L		0.0224 J			0.0554 B	0.181	
Barium (Unfiltered)	mg/L				0.307			0.209
Beryllium	mg/L							
Cadmium	mg/L					0.00038 B		
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L							
Chromium (Unfiltered)	mg/L			0.012				
Cobalt	mg/L							
Copper	mg/L					0.0085 B		
Copper (Unfiltered)	mg/L				0.161			
Lead	mg/L							
Lead (Unfiltered)	mg/L				0.0854			
Mercury	mg/L						0.000068 B	
Mercury (Unfiltered)	mg/L				0.00066			0.000046 B
Nickel	mg/L							
Nickel (Unfiltered)	mg/L				0.0329 B			
Selenium	mg/L							

Notes: 1. Only Detects Shown

2. Printed on 02/17/00

**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Only Detects Shown  
2. Printed on 02/17/00



**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17D	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S
	Sample ID	1839146	1642988	1837044	1837045	1839147	1839147	1839147
	Sample Date	05/17/1999	09/19/1997	04/08/1999	04/08/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	15:45	09:15	14:50	14:50	15:30	15:30	15:30
	Sample Depth	0.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'
	Laboratory	LANC	QUAN	LANC	LANC	AEL	AEL	LANC
	Lab. Number	3154078	A7I230103002	3127197	3127202	AEL99004848	AEL99004857	3154070
Constituent	Units							
Depth of Well	FT	133.65	18.87			14.51	14.51	14.51
Depth to Water	FT	22.10	13.42			9.61	9.61	9.61
Specific Conductivity (field)	µmhos	523	452	480	480	548	548	548
Water Elevation	FT	-22.10	15.32			19.13	19.13	19.13
pH (field)	SU	7.04	5.72	3.73	3.73	4.41	4.41	4.41
Date Metals Analyzed	-	05/23/1999	09/29/1997	04/14/1999	04/14/1999	05/20/1999	05/20/1999	05/20/1999
Date Organics Analyzed	-		10/03/1997	04/13/1999	04/13/1999			
Date Physical Analyzed	-		10/03/1997					
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (Unfiltered)	mg/L							
Barium	mg/L	0.171		0.0180 J	0.0177 J			
Barium (Unfiltered)	mg/L							0.0180 B
Beryllium	mg/L	0.0019 B						
Cadmium	mg/L							
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L			0.0089 J	0.0123 J			0.036
Chromium (Unfiltered)	mg/L					0.037		
Cobalt	mg/L							
Copper	mg/L							
Copper (Unfiltered)	mg/L							
Lead	mg/L			0.0030 J	0.0030 J			
Lead (Unfiltered)	mg/L							
Mercury	mg/L							
Mercury (Unfiltered)	mg/L							
Nickel	mg/L			0.0059 J	0.0057 J			
Nickel (Unfiltered)	mg/L							0.0066 B
Selenium	mg/L							

Notes: 1. Only Detects Shown

2. Printed on 02/17/00



**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Only Detects Shown

2. Printed on 02/17/00



**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17S	RH-MW-18S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-2S
	Sample ID	1839147	1642732	1642987a	1837025	1839149	1839149	1837041
	Sample Date	05/17/1999	10/09/1997	09/19/1997	04/07/1999	05/18/1999	05/18/1999	04/08/1999
	Sample Time	15:30	15:00	08:35	10:30	10:50	10:50	11:20
	Sample Depth	6.0' - 15.0'	21.0' - 30.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	26.0' - 38.0'
	Laboratory	LANC	QUAN	QUAN	LANC	LANC	LANC	LANC
	Lab. Number	3154079	A7J110124001	A7I230103001	3126214	3154942	3154974	3127201
Constituent	Units							
Depth of Well	FT	14.51	29.50	26.65		26.14	26.14	
Depth to Water	FT	9.61	24.40	23.97		22.01	22.01	
Specific Conductivity (field)	µmhos	548	163	278	158.2	124.3	124.3	139
Water Elevation	FT	19.13	4.17	4.36		6.32	6.32	
pH (field)	SU	4.41	6.70	6.72	6.92	6.72	6.72	7.08
Date Metals Analyzed	-	05/23/1999	10/26/1997		04/14/1999	05/26/1999	05/26/1999	04/14/1999
Date Organics Analyzed	-			09/30/1997				
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/L	0.0012 B					0.0018 B	
Arsenic (Unfiltered)	mg/L							
Banum	mg/L	0.0150 B			0.0691 J		0.0560 B	0.0751 J
Barium (Unfiltered)	mg/L					0.0642 B		
Beryllium	mg/L	0.0022 B						
Cadmium	mg/L	0.00034 B						
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L							
Chromium (Unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (Unfiltered)	mg/L							
Lead	mg/L	0.0020 B						
Lead (Unfiltered)	mg/L							
Mercury	mg/L							
Mercury (Unfiltered)	mg/L							
Nickel	mg/L	0.0066 B			0.0147 J		0.0121 B	
Nickel (Unfiltered)	mg/L					0.0164 B		
Selenium	mg/L							

Notes: 1. Only Detects Shown

2. Printed on 02/17/00



**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: I. Only Detects Shown

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**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-2S	RH-MW-2S	RH-MW-3S	RH-MW-3S	RH-MW-3S	RH-MW-4S	RH-MW-4S
	Sample ID	1839154	1839154	1837040	1839153	1839153	1642981	1837042
	Sample Date	05/18/1999	05/18/1999	04/08/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999
	Sample Time	14:00	14:00	10:40	13:20	13:20	11:25	12:10
	Sample Depth	26.0' - 38.0'	26.0' - 38.0'	19.0' - 28.0'	19.0' - 28.0'	19.0' - 28.0'	8.5' - 18.5'	8.5' - 18.5'
	Laboratory	LANC	LANC	LANC	LANC	LANC	QUAN	LANC
	Lab. Number	3154946	3154978	3127200	3154945	3154977	A7I220134007	3127199
Constituent	Units							
Depth of Well	FT	39.61	39.61		28.52	28.52	21.20	
Depth to Water	FT	32.72	32.72		22.73	22.73	18.14	
Specific Conductivity (field)	µmhos	156.6	156.6	124.9	129.8	129.8	375	451
Water Elevation	FT	5.11	5.11		4.35	4.35	1.44	
pH (field)	SU	6.42	6.42	7.12	6.68	6.68	6.70	7.43
Date Metals Analyzed	-	05/26/1999	05/26/1999	04/14/1999	05/26/1999	05/26/1999	09/25/1997	04/14/1999
Date Organics Analyzed	-							
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/L							
Arsenic (Unfiltered)	mg/L	0.0011 B						
Barium	mg/L		0.137	0.0430 J		0.0486 B		0.11
Barium (Unfiltered)	mg/L	0.155			0.0584 B			
Beryllium	mg/L							
Cadmium	mg/L							
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L							
Chromium (Unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (Unfiltered)	mg/L							
Lead	mg/L							
Lead (Unfiltered)	mg/L							
Mercury	mg/L							
Mercury (Unfiltered)	mg/L							
Nickel	mg/L			0.0061 J				
Nickel (Unfiltered)	mg/L							
Selenium	mg/L							

Notes: 1. Only Detects Shown

2. Printed on 02/17/00



**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: I. Only Detects Shown

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**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-5S	RH-MW-5S	RH-MW-5S	RH-MW-6D
	Sample ID	1837043	1839152	1839152	1837034	1839145	1839145	1837048
	Sample Date	04/08/1999	05/18/1999	05/18/1999	04/07/1999	05/17/1999	05/17/1999	04/09/1999
	Sample Time	14:00	12:50	12:50	15:45	13:40	13:40	10:10
	Sample Depth	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	114.0' - 119.
	Laboratory	LANC	LANC	LANC	LANC	LANC	LANC	LANC
	Lab. Number	3127198	3154944	3154976	3126221	3154068	3154077	3128126
Constituent	Units							
Depth of Well	FT		21.05	21.05		21.49	21.49	
Depth to Water	FT		17.47	17.47		19.39	19.39	
Specific Conductivity (field)	µmhos	208	546	546	50.4	36.4	36.4	601
Water Elevation	FT		2.11	2.11		-19.39	-19.39	
pH (field)	SU	7.39	7.09	7.09	8.27	7.26	7.26	6.99
Date Metals Analyzed	-	04/14/1999	05/26/1999	05/26/1999	04/14/1999	05/20/1999	05/21/1999	04/22/1999
Date Organics Analyzed	-							04/22/1999
Date Physical Analyzed	-							
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/L							0.0033 B
Arsenic (Unfiltered)	mg/L							
Barium	mg/L	0.0815 J		0.101	0.0155 J		0.0123 B	0.205 B
Barium (Unfiltered)	mg/L		0.102			0.0144 B		
Beryllium	mg/L							
Cadmium	mg/L							
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L							
Chromium (Unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (Unfiltered)	mg/L							
Lead	mg/L							
Lead (Unfiltered)	mg/L							
Mercury	mg/L			0.000048 B				
Mercury (Unfiltered)	mg/L							
Nickel	mg/L							
Nickel (Unfiltered)	mg/L							
Selenium	mg/L							

Notes: 1. Only Detects Shown

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**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: I. Only Detects Shown

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**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-6D	RH-MW-6D	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-7S
	Sample ID	1839142	1839142	1642977	1837032	1839143	1839143	1642978
	Sample Date	05/17/1999	05/17/1999	09/18/1997	04/07/1999	05/17/1999	05/17/1999	09/18/1997
	Sample Time	12:30	12:30	11:15	15:00	12:15	12:15	11:50
	Sample Depth	114.0' - 119.	114.0' - 119.	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	12.0' - 24.0'
	Laboratory	LANC	LANC	QUAN	LANC	LANC	LANC	QUAN
	Lab. Number	3154065	3154074	A7I220134003	3126213	3154066	3154075	A7I220134004
Constituent	Units							
Depth of Well	FT	122.40	122.40	28.54		28.56	28.56	26.50
Depth to Water	FT	23.82	23.82	25.80		24.52	24.52	22.65
Specific Conductivity (field)	µmhos	575	575	393	440	398.1	398.1	1890
Water Elevation	FT	-23.82	-23.82	3.27		4.55	4.55	3.45
pH (field)	SU	7.83	7.83	6.26	7.39	6.40	6.40	6.82
Date Metals Analyzed	-	05/20/1999	05/23/1999	09/25/1997	04/14/1999	05/20/1999	05/23/1999	09/25/1997
Date Organics Analyzed	-							
Date Physical Analyzed	-				04/16/1999			
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/L		0.0029 B					0.0123
Arsenic (Unfiltered)	mg/L	0.0025 B						
Barium	mg/L		0.193		0.0327 J		0.0335 B	0.336
Barium (Unfiltered)	mg/L	0.212				0.0340 B		
Beryllium	mg/L		0.0018 B					
Cadmium	mg/L							
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L							
Chromium (Unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (Unfiltered)	mg/L							
Lead	mg/L							
Lead (Unfiltered)	mg/L							
Mercury	mg/L							
Mercury (Unfiltered)	mg/L							
Nickel	mg/L							
Nickel (Unfiltered)	mg/L							
Selenium	mg/L							

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2. Printed on 02/17/00

**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: I. Only Detects Shown

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**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-8S	RH-MW-8S	RH-MW-8S
	Sample ID	1642979	1837031	1839144	1839144	1642975	1837026	1839132
	Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	09/18/1997	04/07/1999	05/14/1999
	Sample Time	11:50	14:35	12:45	12:45	09:37	11:15	09:40
	Sample Depth	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'
	Laboratory	QUAN	LANC	LANC	LANC	QUAN	LANC	LANC
	Lab. Number	A7I220134005	3126220	3154067	3154076	A7I220134001	3126215	3152934
Constituent	Units							
Depth of Well	FT	26.50		26.51	26.51	23.05		23.01
Depth to Water	FT	22.65		21.41	21.41	20.76		19.23
Specific Conductivity (field)	µmhos	1890	1769	1005	1005	397	373	177.5
Water Elevation	FT	3.45		4.69	4.69	4.48		6.01
pH (field)	SU	6.82	7.10	6.78	6.78	6.05	6.41	6.63
Date Metals Analyzed	-	09/25/1997	04/14/1999	05/20/1999	05/23/1999	09/29/1997	04/14/1999	05/20/1999
Date Organics Analyzed	-		04/13/1999					
Date Physical Analyzed	-		04/16/1999			10/03/1997	04/16/1999	
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/L	0.0119			0.0053 B			
Arsenic (Unfiltered)	mg/L			0.0034 B				
Barium	mg/L	0.33	0.17		0.207		0.0441 J	
Barium (Unfiltered)	mg/L			0.222				0.0428 B
Beryllium	mg/L				0.0022 B			
Cadmium	mg/L							
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L							
Chromium (Unfiltered)	mg/L							
Cobalt	mg/L							
Copper	mg/L							
Copper (Unfiltered)	mg/L							
Lead	mg/L							
Lead (Unfiltered)	mg/L							
Mercury	mg/L							
Mercury (Unfiltered)	mg/L							
Nickel	mg/L							
Nickel (Unfiltered)	mg/L							
Selenium	mg/L				0.0059 S			

Notes: 1. Only Detects Shown

2. Printed on 02/17/00



**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Only Detects Shown

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**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-8S	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-SB-35	RH-SB-35
Sample ID	1839132	1642984	1837027	1839133	1839133	1949030	1949030	1949030
Sample Date	05/14/1999	09/18/1997	04/07/1999	05/14/1999	05/14/1999	12/20/1999	12/20/1999	12/20/1999
Sample Time	09:40	15:10	10:50	10:30	10:30	10:45	10:45	10:45
Sample Depth	12.0' - 21.0'	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	24' - 28'	24' - 28'	24' - 28'
Laboratory	LANC	QUAN	LANC	LANC	LANC	QUAN	QUAN	QUAN
Lab. Number	3152964	A7I220134010	3126216	3152935	3152965	A9L210197002	A9L210197002R	
Constituent	Units							
Depth of Well	FT	23.01	27.00		27.01	27.01		
Depth to Water	FT	19.23	24.70		23.13	23.13		
Specific Conductivity (field)	µmhos	177.5	1102	486	184.2	184.2		
Water Elevation	FT	6.01	4.38		5.95	5.95		
pH (field)	SU	6.63	4.16	4.80	4.97	4.97		
Date Metals Analyzed	-	05/23/1999	09/25/1997	04/14/1999	05/20/1999	05/23/1999	12/22/1999	01/04/2000
Date Organics Analyzed	-							
Date Physical Analyzed	-						01/03/2000	
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/L						0.0194	
Arsenic (Unfiltered)	mg/L							
Barium	mg/L	0.0366 B		0.0130 J		0.0140 B	1.28	
Barium (Unfiltered)	mg/L				0.0146 B			
Beryllium	mg/L							
Cadmium	mg/L							
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L						0.267	
Chromium (Unfiltered)	mg/L							
Cobalt	mg/L						0.0802	
Copper	mg/L							
Copper (Unfiltered)	mg/L				0.0084 B			
Lead	mg/L						0.0492	
Lead (Unfiltered)	mg/L							
Mercury	mg/L							
Mercury (Unfiltered)	mg/L							
Nickel	mg/L			0.0062 J		0.0059 B	0.158	
Nickel (Unfiltered)	mg/L				0.0062 B			
Selenium	mg/L	0.0113 N						

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**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Only Detects Shown  
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**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-SB-35										
	Sample ID	1949035										
	Sample Date	12/23/1999										
	Sample Time	11:15										
	Sample Depth	83' - 87'										
	Laboratory	QUAN										
	Lab. Number	A9L280164001										
Constituent	Units											
Depth of Well	FT											
Depth to Water	FT											
Specific Conductivity (field)	µmhos											
Water Elevation	FT											
pH (field)	SU											
Date Metals Analyzed	-	01/03/2000										
Date Organics Analyzed	-											
Date Physical Analyzed	-											
Date Semi-volatile Organics Analyzed	-											
Arsenic	mg/L											
Arsenic (Unfiltered)	mg/L											
Barium	mg/L											
Barium (Unfiltered)	mg/L											
Beryllium	mg/L											
Cadmium	mg/L											
Cadmium (Unfiltered)	mg/L											
Chromium	mg/L											
Chromium (Unfiltered)	mg/L											
Cobalt	mg/L											
Copper	mg/L											
Copper (Unfiltered)	mg/L											
Lead	mg/L											
Lead (Unfiltered)	mg/L											
Mercury	mg/L											
Mercury (Unfiltered)	mg/L											
Nickel	mg/L											
Nickel (Unfiltered)	mg/L											
Selenium	mg/L											

Notes: 1. Only Detects Shown

2. Printed on 02/17/00

**Table 3**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Only Detects Shown  
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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-11D
Sample ID	1642985	1837029	1839134	1839134	1839134	1839134	1839134	1837050
Sample Date	09/18/1997	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	04/09/1999
Sample Time	15:30	12:15	11:00	11:00	11:00	11:00	11:00	11:45
Sample Depth	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	140.0' - 145.
Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	LANC	LANC
Lab. Number	A7I220134011	3126218	AEL99004800	AEL99004806	3152936	3152966	3128127	
Constituent	Units							
Depth of Well	FT	22.28		22.28	22.28	22.28	22.28	
Depth to Water	FT	19.60		18.02	18.02	18.02	18.02	
Specific Conductivity (field)	µmhos	416	319	382	382	382	382	374
Water Elevation	FT	4.02		5.60	5.60	5.60	5.60	
pH (field)	SU	6.06	7.00	15.0	15.0	15.0	15.0	7.96
Date Metals Analyzed	-	09/25/1997	04/14/1999	05/14/1999	05/18/1999	05/20/1999	05/23/1999	04/22/1999
Date Organics Analyzed	-	09/29/1997	04/13/1999					04/22/1999
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-					05/20/1999		
Date Semi-volatile Organics Analyzed	-							04/14/1999
Diallate	µg/l							<10 U
Dinoseb	µg/L							
Arsenic	mg/L	<0.0100 U	<0.010 U				<0.0100 U	0.0090 B
Arsenic (Unfiltered)	mg/L					<0.0100 U		
Barium	mg/L	<0.2 U	0.0266 J				0.0392 B	0.0350 B
Barium (Unfiltered)	mg/L					0.0567 B		
Beryllium	mg/L						<0.0100 U	
Beryllium (Unfiltered)	mg/L					<0.0100 U		
Cadmium	mg/L	<0.0050 U	<0.0015 U				<0.00050 U	<0.000001 U
Cadmium (Unfiltered)	mg/L					<0.00050 U		
Chromium	mg/L	<0.0100 U	<0.030 U		<0.010			<0.000030 U
Chromium (Unfiltered)	mg/L			<0.010				
Chromium(VI)	mg/L			<0.010				
Cobalt	mg/L							
Copper	mg/L						<0.0250 U	
Copper (Unfiltered)	mg/L					<0.0250 U		
Lead	mg/L	<0.0030 U	<0.0030 UJ				0.0023 B	<0.000003 U
Lead (Unfiltered)	mg/L					<0.0030 U		

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-11D
	Sample ID	1642985	1837029	1839134	1839134	1839134	1839134	1837050
	Sample Date	09/18/1997	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	04/09/1999
	Sample Time	15:30	12:15	11:00	11:00	11:00	11:00	11:45
	Sample Depth	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	140.0' - 145.
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
	Lab. Number	A7I220134011	3126218	AEL99004800	AEL99004806	3152936	3152966	3128127
Constituent	Units							
Mercury	mg/L	<0.00020 U	<0.00020 U				<0.00020 U	<0.000000 U
Mercury (Unfiltered)	mg/L						<0.00020 U	
Nickel	mg/L	<0.0400 U	<0.050 U				<0.0500 U	<0.000050 U
Nickel (Unfiltered)	mg/L						<0.0500 U	
Selenium	mg/L	<0.0050 U	<0.0050 U				<0.0050 UN	<0.000025 U
Selenium (Unfiltered)	mg/L						<0.0050 U	
Silver	mg/L	<0.0100 U	<0.020 U				<0.0200 U	<0.000020 U
Silver (Unfiltered)	mg/L						<0.0200 U	
Sodium	mg/L							
Titanium	mg/L	<0.0500 U						
Zinc	mg/L	<0.0200 U	0.0214 J				0.0278 E	<0.000025 U
Zinc (Unfiltered)	mg/L						0.0234 B	
Acetylaminofluorene,2-	µg/l							<10 U
Aramite	µg/L							
Benzene,hexachloro-	µg/l							<10 U
Chlorobenzilate	µg/l							<19 U
Dibromo-3-chloropropane,1,2-	µg/l	<5.0 U	<5 U					<5 U
Dimethoate	µg/l							<19 U
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l							<24 U
Isodrin	µg/l							<24 U
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l							<10 U
Thionazin	µg/l							<10 U
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l						<0.0050 U	
Total Petroleum Hydrocarbons	mg/l							

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-11D
	Sample ID	1642985	1837029	1839134	1839134	1839134	1839134	1837050
	Sample Date	09/18/1997	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	04/09/1999
	Sample Time	15:30	12:15	11:00	11:00	11:00	11:00	11:45
	Sample Depth	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	140.0' - 145.
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
	Lab. Number	A7I220134011	3126218	AEL99004800	AEL99004806	3152936	3152966	3128127
Constituent	Units							
Acenaphthene	µg/l							<10 U
Acenaphthylene	µg/l							<10 U
Acetophenetidide,p-	µg/l							<10 U
Acetophenone	µg/l							<10 U
Aminobiphenyl,4-	µg/l							<10 U
Aniline	µg/l							<10 U
Anthracene	µg/l							<10 U
Azobenzene,4-dimethylamino-	µg/l							<10 U
Benz[a]anthracene	µg/l							<10 U
Benz[a]anthracene,7,12-dimethyl-	µg/l							<10 U
Benz[e]acephenanthrylene	µg/l							<10 U
Benzene,1,2,4,5-tetrachloro-	µg/l							<10 U
Benzene,1,3,5-trinitro-	µg/l							<19 U
Benzene,1,3-dinitro-	µg/l							<10 U
Benzene,nitro-	µg/l							<10 U
Benzidine,3,3'-dichloro-	µg/l							<10 U
Benzidine,3,3'-dimethyl-	µg/l							<24 U
Benzo[a]pyrene	µg/l							<10 U
Benzo[ghi]perylene	µg/l							<10 U
Benzo[k]fluoranthene	µg/l							<10 U
Benzyl Alcohol	µg/l							<19 U
Benzyl Butyl Phthalate	µg/l							<10 U
Bis(2-chloroethoxy)methane	µg/l							<10 U
Bis(2-chloroethyl)ether	µg/l							<10 U
Bis(2-chloroisopropyl)ether	µg/l							<10 U
Bis(2-ethylhexyl)phthalate	µg/l							2 J
Bromophenyl Phenyl Ether,4-	µg/l							<10 U
Butylamine,n-nitroso-di-n-	µg/l							<10 U

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-11D
	Sample ID	1642985	1837029	1839134	1839134	1839134	1839134	1837050
	Sample Date	09/18/1997	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	04/09/1999
	Sample Time	15:30	12:15	11:00	11:00	11:00	11:00	11:45
	Sample Depth	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	140.0' - 145.
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
	Lab. Number	A7I220134011	3126218	AEL99004800	AEL99004806	3152936	3152966	3128127
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l							<10 U
Chlorophenyl Phenyl Ether,4-	µg/l							<10 U
Chrysene	µg/l							<10 U
Cresol,2-	µg/l							<10 U
Cresol,3-	µg/L							
Cresol,4-	µg/l							<10 U
Cresol,4-Chloro-m-	µg/l							<10 U
Di-n-butyl Phthalate	µg/l							<10 U
Di-n-octyl Phthalate	µg/l							<10 U
Dibenz[a,h]anthracene	µg/l							<10 U
Dibenzofuran	µg/l							<10 U
Dichloro-2-butylene,1,4-trans-	µg/l	<5.0 U	<50 U					<50 U
Diethyl Phthalate	µg/l							<10 U
Dimethyl Phthalate	µg/l							<10 U
Dimethylamine,n-nitroso-	µg/l							<10 U
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l							<24 U
Dinitrotoluene,2,4-	µg/l							<10 U
Dinitrotoluene,2,6-	µg/l							<10 U
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l							<10 U
Ethylamine,n-nitroso-	µg/l							<10 U
Ethylmethanesulfonate	µg/l							<10 U
Fluoranthene	µg/l							<10 U
Fluorene	µg/l							<10 U
Hexachlorobutadiene	µg/l							<10 U
Hexachloroethane	µg/l							<10 U

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-11D
	Sample ID	1642985	1837029	1839134	1839134	1839134	1839134	1837050
	Sample Date	09/18/1997	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	04/09/1999
	Sample Time	15:30	12:15	11:00	11:00	11:00	11:00	11:45
	Sample Depth	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	140.0' - 145.
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
	Lab. Number	A7I220134011	3126218	AEL99004800	AEL99004806	3152936	3152966	3128127
Constituent	Units							
Hexachloropropylene	µg/l							<10 U
Indeno[1,2,3-cd]pyrene	µg/l							<10 U
Isophorone	µg/l							<10 U
Isosafrole	µg/l							<10 U
Methapyrilene	µg/l							<10 U
Methyl Methanesulfonate	µg/l							<10 U
Methylcholanthrene,3-	µg/l							<10 U
Methylethylamine,n-nitroso-	µg/l							<10 U
Morpholine,n-nitroso-	µg/l							<10 U
Naphthalene	µg/l							<10 U
Naphthalene,2-chloro-	µg/l							<10 U
Naphthalene,2-methyl-	µg/l							<10 U
Naphthoquinone,1,4-	µg/l							<95 U
Naphthylamine,alpha-	µg/l							<10 U
Naphthylamine,beta-	µg/l							<10 U
Nitro-o-toluidine,5-	µg/l							<10 U
Nitroaniline,2-	µg/l							<10 U
Nitroaniline,3-	µg/l							<10 U
Nitroaniline,4-	µg/l							<10 U
Nitroquinoline-1-oxide,4-	µg/l							<95 U
Phenanthrene	µg/l							<10 U
Phenol	µg/l							<10 U
Phenol,2,3,4,6-tetrachloro-	µg/l							<10 U
Phenol,2,4,5-trichloro-	µg/l							<10 U
Phenol,2,4,6-trichloro-	µg/l							<10 U
Phenol,2,4-dichloro-	µg/l							<10 U
Phenol,2,4-dinitro-	µg/l							<48 U
Phenol,2,6-dichloro-	µg/l							<10 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-11D
	Sample ID	1642985	1837029	1839134	1839134	1839134	1839134	1837050
	Sample Date	09/18/1997	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	04/09/1999
	Sample Time	15:30	12:15	11:00	11:00	11:00	11:00	11:45
	Sample Depth	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	140.0' - 145.
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
	Lab. Number	A7I220134011	3126218	AEL99004800	AEL99004806	3152936	3152966	3128127
Constituent	Units							
Phenol,2-chloro-	µg/l							<10 U
Phenol,2-nitro-	µg/l							<10 U
Phenol,4-nitro-	µg/l							<48 U
Phenol,pentachloro-	µg/l							<24 U
Phenylenediamine,1,4-	µg/l							<190 U
Picoline,2-	µg/l							<10 U
Piperidine,n-nitroso-	µg/l							<10 U
Pronamide	µg/l							<10 U
Propylamine,n-nitroso-n-	µg/l							<10 U
Pyrene	µg/l							<10 U
Pyridine	µg/l							<10 U
Pyrrolidine,n-nitroso-	µg/l							<10 U
Safrole	µg/l							<10 U
Toluidine,o-	µg/l							<10 U
Triethyl Phosphorothioate,o,o,o-	µg/l							<10 U
Xylenol,2,4-	µg/l							<10 U
Acetone	µg/l	<100 UR	<20 UR					<20 U
Acetonitrile	µg/l		<100 UR					<100 U
Acrolein	µg/l	<20 UR	<100 UR					<100 U
Acrylonitrile	µg/l	<20 UR	<50 U					<50 U
Allyl Chloride	µg/l	<100 U	<5 U					<5 U
Benzene	µg/l	<1.0 U	<5 U					<5 U
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l							<10 U
Benzene,1,2-dichloro-	µg/l							<10 U
Benzene,1,3-dichloro-	µg/l							<10 U
Benzene,1,4-dichloro-	µg/l							<10 U
Benzene,chloro-	µg/l	<5.0 U	<5 U					<5 U

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-11D
	Sample ID	1642985	1837029	1839134	1839134	1839134	1839134	1837050
	Sample Date	09/18/1997	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	04/09/1999
	Sample Time	15:30	12:15	11:00	11:00	11:00	11:00	11:45
	Sample Depth	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	140.0' - 145.
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
	Lab. Number	A7I220134011	3126218	AEL99004800	AEL99004806	3152936	3152966	3128127
Constituent	Units							
Benzene,ethyl	µg/l	<5.0 U	<5 U					<5 U
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l							<10 U
Benzene,pentachloronitro-	µg/l							<10 U
Bromoform	µg/l	<4.0 U	<5 U					<5 U
Carbon Disulfide	µg/l	<5.0 U	<5 U					4 J
Carbon Tetrachloride	µg/l	<5.0 U	<5 U					<5 U
Chloroethane	µg/l	<10 U	<5 U					<5 U
Chloroform	µg/l	<5.0 U	<5 U					7
Chloroprene,beta-	µg/l	<1.0 U	<5 UJ					<5 U
Dibromochloromethane	µg/l	<0.50 U	<5 U					<5 U
Dibromoethane,1,2-	µg/l	<0.50 U	<5 U					<5 U
Dibromomethane	µg/l	<5.0 U	<5 U					<5 U
Dichlorobromomethane	µg/l	<5.0 U	<5 U					<5 U
Dichlorodifluoromethane	µg/l	<5.0 U	<5 U					<5 U
Dichloroethane,1,1-	µg/l	<5.0 U	<5 U					<5 U
Dichloroethane,1,2-	µg/l	<1.0 U	<5 U					<5 U
Dichloroethylene,1,1-	µg/l	<1.0 U	<5 U					<5 U
Dichloroethylene,1,2-cis-	µg/l	<5.0 U	<5 U					<5 U
Dichloroethylene,1,2-trans-	µg/l	<5.0 U	<5 U					<5 U
Dichloropropane,1,2-	µg/l	<5.0 U	<5 U					<5 U
Dichloropropylene,1,3-, NOS	µg/l	<5.0 U						
Dichloropropylene,1,3-cis-	µg/l	<1.0 U	<5 U					<5 U
Dichloropropylene,1,3-trans-	µg/l	<1.0 U	<5 U					<5 U
Dioxane,1,4-	µg/l	<150 UR	<250 UR					<250 U
Ethylmethacrylate	µg/l	<5.0 U	<5 U					<5 U
Hexanone,2-	µg/l	<100 U	<10 U					<10 U
Iodomethane	µg/l	<5.0 U	<5 U					<5 U

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-10S	RH-MW-11D
Sample ID	1642985	1837029	1839134	1839134	1839134	1839134	1839134	1837050
Sample Date	09/18/1997	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	04/09/1999
Sample Time	15:30	12:15	11:00	11:00	11:00	11:00	11:00	11:45
Sample Depth	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	14.0' - 23.0'	140.0' - 145.
Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	LANC	LANC
Lab. Number	A7I220134011	3126218	AEL99004800	AEL99004806	3152936	3152966	3128127	
Constituent	Units							
Isobutyl Alcohol	µg/l	<50 UR	<250 UR					<250 U
Methacrylonitrile	µg/l	<5.0 U	<50 U					<50 U
Methyl Bromide	µg/l	<10 U	<5 U					<5 U
Methyl Chloride	µg/l	<10 U	<5 UJ					<5 U
Methyl Ethyl Ketone	µg/l	<100 U	<10 UR					<10 U
Methyl Methacrylate	µg/l	<5.0 U	<5 U					<5 U
Methyl-2-pentanone,4-	µg/l	<100 U	<10 U					<10 U
Methyl-tert-butyl Ether	µg/l	<5.0 U	<5 U					<5 U
Methylene Chloride	µg/l	<5.0 U	<5 U					<5 U
Pentachloroethane	µg/L							
Propionitrile	µg/l	<5.0 UR	<100 UR					<100 U
Styrene	µg/l	<5.0 U	<5 U					<5 U
Tetrachloroethane,1,1,1,2-	µg/l	<1.0 U	<5 U					<5 U
Tetrachloroethane,1,1,2,2-	µg/l	<1.0 U	<5 U					<5 U
Tetrachloroethylene	µg/l	<5.0 U	<5 U					<5 U
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l	<5.0 U	<5 U					<5 U
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l	<5.0 U	<5 U					<5 U
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l	<5.0 U	<5 U					<5 U
Trichloroethylene	µg/l	<5.0 U	<5 U					<5 U
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l	<5.0 U	<5 U					<5 U
Trichloropropane,1,2,3-	µg/l	<5.0 U	<5 U					<5 U
Vinyl Acetate	µg/l	<5.0 U	<10 U					<10 U
Vinyl Chloride	µg/l	<2.0 U	<5 U					<5 U
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Printed on 9/21/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D						
	Sample ID	1839139	1839139	1839139	1839139	1839140	1839140	1839140
	Sample Date	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	11:00	11:00	11:00	11:00	11:00	11:00
	Sample Depth	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.
	Laboratory	AEL	AEL	LANC	LANC	AEL	AEL	LANC
	Lab. Number	AEL99004840	AEL99004849	3154062	3154071	AEL99004841	AEL99004850	3154063
Constituent	Units							
Depth of Well	FT	144.11	144.11	144.11	144.11	144.11	144.11	144.11
Depth to Water	FT	18.39	18.39	18.39	18.39	18.39	18.39	18.39
Specific Conductivity (field)	µmhos	1101	1101	1101	1101	1101	1101	1101
Water Elevation	FT	-18.39	-18.39	-18.39	-18.39	-18.39	-18.39	-18.39
pH (field)	SU	8.12	8.12	8.12	8.12	8.12	8.12	8.12
Date Metals Analyzed	-	05/17/1999	05/20/1999	05/20/1999	05/23/1999	05/17/1999	05/20/1999	05/20/1999
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-			05/20/1999				05/20/1999
Date Semi-volatile Organics Analyzed	-							
Diallate	µg/l							
Dinoseb	µg/L							
Arsenic	mg/L				0.0101			
Arsenic (Unfiltered)	mg/L			0.0093 B				0.0088 B
Barium	mg/L				0.0417 B			
Barium (Unfiltered)	mg/L			0.0421 B				0.0419 B
Beryllium	mg/L				<0.0100 U			
Beryllium (Unfiltered)	mg/L			<0.0100 U				<0.0100 U
Cadmium	mg/L				<0.00050 U			
Cadmium (Unfiltered)	mg/L			<0.00050 U				<0.00050 U
Chromium	mg/L		<0.010				<0.010	
Chromium (Unfiltered)	mg/L	<0.010				<0.010		
Chromium(VI)	mg/L	<0.010				<0.010		
Cobalt	mg/L							
Copper	mg/L				<0.0250 U			
Copper (Unfiltered)	mg/L			<0.0250 U				<0.0250 U
Lead	mg/L				<0.0030 U			
Lead (Unfiltered)	mg/L			<0.0030 U				<0.0030 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D						
	Sample ID	1839139	1839139	1839139	1839139	1839140	1839140	1839140
	Sample Date	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	11:00	11:00	11:00	11:00	11:00	11:00
	Sample Depth	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.
	Laboratory	AEL	AEL	LANC	LANC	AEL	AEL	LANC
	Lab. Number	AEL99004840	AEL99004849	3154062	3154071	AEL99004841	AEL99004850	3154063
Constituent	Units							
Mercury	mg/L			<0.00020 U				
Mercury (Unfiltered)	mg/L			<0.00020 U				<0.00020 U
Nickel	mg/L			<0.0500 U				
Nickel (Unfiltered)	mg/L			<0.0500 U				<0.0500 U
Selenium	mg/L			<0.0250 UN				
Selenium (Unfiltered)	mg/L			<0.0050 U				<0.0050 U
Silver	mg/L			<0.0200 U				
Silver (Unfiltered)	mg/L			<0.0200 U				<0.0200 U
Sodium	mg/L							
Titanium	mg/L							
Zinc	mg/L			0.0032 B				
Zinc (Unfiltered)	mg/L			0.0032 B				0.0030 B
Acetylaminofluorene,2-	µg/l							
Aramite	µg/L							
Benzene,hexachloro-	µg/l							
Chlorobenzilate	µg/l							
Dibromo-3-chloropropane,1,2-	µg/l							
Dimethoate	µg/l							
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l							
Isodrin	µg/l							
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l							
Thionazin	µg/l							
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l			<0.0050 U				<0.0050 U
Total Petroleum Hydrocarbons	mg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D						
	Sample ID	1839139	1839139	1839139	1839139	1839140	1839140	1839140
	Sample Date	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	11:00	11:00	11:00	11:00	11:00	11:00
	Sample Depth	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.
	Laboratory	AEL	AEL	LANC	LANC	AEL	AEL	LANC
	Lab. Number	AEL99004840	AEL99004849	3154062	3154071	AEL99004841	AEL99004850	3154063
Constituent	Units							
Acenaphthene	µg/l							
Acenaphthylene	µg/l							
Acetophenetidide,p-	µg/l							
Acetophenone	µg/l							
Aminobiphenyl,4-	µg/l							
Aniline	µg/l							
Anthracene	µg/l							
Azobenzene,4-dimethylamino-	µg/l							
Benz[a]anthracene	µg/l							
Benz[a]anthracene,7,12-dimethyl-	µg/l							
Benz[e]acephenanthrylene	µg/l							
Benzene,1,2,4,5-tetrachloro-	µg/l							
Benzene,1,3,5-trinitro-	µg/l							
Benzene,1,3-dinitro-	µg/l							
Benzene,nitro-	µg/l							
Benzidine,3,3'-dichloro-	µg/l							
Benzidine,3,3'-dimethyl-	µg/l							
Benzo[a]pyrene	µg/l							
Benzo[ghi]perylene	µg/l							
Benzo[k]fluoranthene	µg/l							
Benzyl Alcohol	µg/l							
Benzyl Butyl Phthalate	µg/l							
Bis(2-chloroethoxy)methane	µg/l							
Bis(2-chloroethyl)ether	µg/l							
Bis(2-chloroisopropyl)ether	µg/l							
Bis(2-ethylhexyl)phthalate	µg/l							
Bromophenyl Phenyl Ether,4-	µg/l							
Butylamine,n-nitroso-di-n-	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D						
	Sample ID	1839139	1839139	1839139	1839139	1839140	1839140	1839140
	Sample Date	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	11:00	11:00	11:00	11:00	11:00	11:00
	Sample Depth	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.
	Laboratory	AEL	AEL	LANC	LANC	AEL	AEL	LANC
	Lab. Number	AEL99004840	AEL99004849	3154062	3154071	AEL99004841	AEL99004850	3154063
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/L							
Chlorophenyl Phenyl Ether,4-	µg/L							
Chrysene	µg/L							
Cresol,2-	µg/L							
Cresol,3-	µg/L							
Cresol,4-	µg/L							
Cresol,4-Chloro-m-	µg/L							
Di-n-butyl Phthalate	µg/L							
Di-n-octyl Phthalate	µg/L							
Dibenz[a,h]anthracene	µg/L							
Dibenzofuran	µg/L							
Dichloro-2-butylene,1,4-trans-	µg/L							
Diethyl Phthalate	µg/L							
Dimethyl Phthalate	µg/L							
Dimethylamine,n-nitroso-	µg/L							
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/L							
Dinitrotoluene,2,4-	µg/L							
Dinitrotoluene,2,6-	µg/L							
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/L							
Ethylamine,n-nitroso-	µg/L							
Ethylmethanesulfonate	µg/L							
Fluoranthene	µg/L							
Fluorene	µg/L							
Hexachlorobutadiene	µg/L							
Hexachloroethane	µg/L							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D						
	Sample ID	1839139	1839139	1839139	1839139	1839140	1839140	1839140
	Sample Date	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	11:00	11:00	11:00	11:00	11:00	11:00
	Sample Depth	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.
	Laboratory	AEL	AEL	LANC	LANC	AEL	AEL	LANC
	Lab. Number	AEL99004840	AEL99004849	3154062	3154071	AEL99004841	AEL99004850	3154063
Constituent	Units							
Hexachloropropylene	µg/l							
Indeno(1,2,3-cd)pyrene	µg/l							
Isophorone	µg/l							
Isosafrole	µg/l							
Methapyrilene	µg/l							
Methyl Methanesulfonate	µg/l							
Methylcholanthrene,3-	µg/l							
Methylethylamine,n-nitroso-	µg/l							
Morpholine,n-nitroso-	µg/l							
Naphthalene	µg/l							
Naphthalene,2-chloro-	µg/l							
Naphthalene,2-methyl-	µg/l							
Naphthoquinone,1,4-	µg/l							
Naphthylamine,alpha-	µg/l							
Naphthylamine,beta-	µg/l							
Nitro-o-toluidine,5-	µg/l							
Nitroaniline,2-	µg/l							
Nitroaniline,3-	µg/l							
Nitroaniline,4-	µg/l							
Nitroquinoline-1-oxide,4-	µg/l							
Phenanthrene	µg/l							
Phenol	µg/l							
Phenol,2,3,4,6-tetrachloro-	µg/l							
Phenol,2,4,5-trichloro-	µg/l							
Phenol,2,4,6-trichloro-	µg/l							
Phenol,2,4-dichloro-	µg/l							
Phenol,2,4-dinitro-	µg/l							
Phenol,2,6-dichloro-	µg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D						
	Sample ID	1839139	1839139	1839139	1839139	1839140	1839140	1839140
	Sample Date	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	11:00	11:00	11:00	11:00	11:00	11:00
	Sample Depth	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.
	Laboratory	AEL	AEL	LANC	LANC	AEL	AEL	LANC
	Lab. Number	AEL99004840	AEL99004849	3154062	3154071	AEL99004841	AEL99004850	3154063
Constituent	Units							
Phenol,2-chloro-	µg/l							
Phenol,2-nitro-	µg/l							
Phenol,4-nitro-	µg/l							
Phenol,pentachloro-	µg/l							
Phenylenediamine,1,4-	µg/l							
Picoline,2-	µg/l							
Piperidine,n-nitroso-	µg/l							
Pronamide	µg/l							
Propylamine,n-nitroso-n-	µg/l							
Pyrene	µg/l							
Pyridine	µg/l							
Pyrrolidine,n-nitroso-	µg/l							
Safrole	µg/l							
Toluidine,o-	µg/l							
Triethyl Phosphorothioate,o,o,o-	µg/l							
Xylenol,2,4-	µg/l							
Acetone	µg/l							
Acetonitrile	µg/l							
Acrolein	µg/l							
Acrylonitrile	µg/l							
Allyl Chloride	µg/l							
Benzene	µg/l							
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l							
Benzene,1,2-dichloro-	µg/l							
Benzene,1,3-dichloro-	µg/l							
Benzene,1,4-dichloro-	µg/l							
Benzene,chloro-	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D						
	Sample ID	1839139	1839139	1839139	1839139	1839140	1839140	1839140
	Sample Date	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	11:00	11:00	11:00	11:00	11:00	11:00
	Sample Depth	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.
	Laboratory	AEL	AEL	LANC	LANC	AEL	AEL	LANC
	Lab. Number	AEL99004840	AEL99004849	3154062	3154071	AEL99004841	AEL99004850	3154063
Constituent	Units							
Benzene,ethyl	µg/l							
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l							
Benzene,pentachloronitro-	µg/l							
Bromoform	µg/l							
Carbon Disulfide	µg/l							
Carbon Tetrachloride	µg/l							
Chloroethane	µg/l							
Chloroform	µg/l							
Chloroprene,beta-	µg/l							
Dibromochloromethane	µg/l							
Dibromoethane,1,2-	µg/l							
Dibromomethane	µg/l							
Dichlorobromomethane	µg/l							
Dichlorodifluoromethane	µg/l							
Dichloroethane,1,1-	µg/l							
Dichloroethane,1,2-	µg/l							
Dichloroethylene,1,1-	µg/l							
Dichloroethylene,1,2-cis-	µg/l							
Dichloroethylene,1,2-trans-	µg/l							
Dichloropropane,1,2-	µg/l							
Dichloropropylene,1,3-, NOS	µg/l							
Dichloropropylene,1,3-cis-	µg/l							
Dichloropropylene,1,3-trans-	µg/l							
Dioxane,1,4-	µg/l							
Ethylmethacrylate	µg/l							
Hexanone,2-	µg/l							
Iodomethane	µg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D						
Sample ID	1839139	1839139	1839139	1839139	1839140	1839140	1839140	1839140
Sample Date	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
Sample Time	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00
Sample Depth	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.	140.0' - 145.
Laboratory	AEL	AEL	LANC	LANC	AEL	AEL	LANC	LANC
Lab. Number	AEL99004840	AEL99004849	3154062	3154071	AEL99004841	AEL99004850	3154063	
Constituent	Units							
Isobutyl Alcohol	µg/l							
Methacrylonitrile	µg/l							
Methyl Bromide	µg/l							
Methyl Chloride	µg/l							
Methyl Ethyl Ketone	µg/l							
Methyl Methacrylate	µg/l							
Methyl-2-pentanone,4-	µg/l							
Methyl-tert-butyl Ether	µg/l							
Methylene Chloride	µg/l							
Pentachloroethane	µg/L							
Propionitrile	µg/l							
Styrene	µg/l							
Tetrachloroethane,1,1,1,2-	µg/l							
Tetrachloroethane,1,1,2,2-	µg/l							
Tetrachloroethylene	µg/l							
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l							
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l							
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l							
Trichloroethylene	µg/l							
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l							
Trichloropropane,1,2,3-	µg/l							
Vinyl Acetate	µg/l							
Vinyl Chloride	µg/l							
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S
	Sample ID	1839140	1642989	1837030	1839141	1839141	1839141	1839141
	Sample Date	05/17/1999	09/19/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	10:10	13:00	10:45	10:45	10:45	10:45
	Sample Depth	140.0' - 145.	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154072	A7I230103003	3126219	AEL99004842	AEL99004851	3154064	3154073
Constituent	Units							
Depth of Well	FT	144.11	21.16		21.18	21.18	21.18	21.18
Depth to Water	FT	18.39	18.70		17.16	17.16	17.16	17.16
Specific Conductivity (field)	µmhos	1101	164	117.8	105.4	105.4	105.4	105.4
Water Elevation	FT	-18.39	3.79		5.33	5.33	5.33	5.33
pH (field)	SU	8.12	6.36	13.5	7.06	7.06	7.06	7.06
Date Metals Analyzed	-	05/23/1999	09/25/1997	04/14/1999	05/17/1999	05/20/1999	05/20/1999	05/23/1999
Date Organics Analyzed	-		10/03/1997	04/13/1999				
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-						05/20/1999	
Date Semi-volatile Organics Analyzed	-							
Diallate	µg/l							
Dinoseb	µg/L							
Arsenic	mg/L	0.0099 B	<0.0100 U	<0.010 U				<0.0100 U
Arsenic (Unfiltered)	mg/L							<0.0100 U
Barium	mg/L	0.0424 B	<0.2 U	0.0712 J				0.0573 B
Barium (Unfiltered)	mg/L							0.0654 B
Beryllium	mg/L	<0.0100 U						<0.0100 U
Beryllium (Unfiltered)	mg/L							<0.0100 U
Cadmium	mg/L	<0.00050 U	<0.0050 U	<0.0015 U				<0.00050 U
Cadmium (Unfiltered)	mg/L							<0.00050 U
Chromium	mg/L		<0.0100 U	<0.030 U		<0.010		
Chromium (Unfiltered)	mg/L				<0.010			
Chromium(VI)	mg/L				<0.010			
Cobalt	mg/L							
Copper	mg/L	<0.0250 U						<0.0250 U
Copper (Unfiltered)	mg/L						<0.0250 U	
Lead	mg/L	<0.0030 U	<0.0030 U	<0.0030 UJ				<0.0030 U
Lead (Unfiltered)	mg/L							<0.0030 U

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S
	Sample ID	1839140	1642989	1837030	1839141	1839141	1839141	1839141
	Sample Date	05/17/1999	09/19/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	10:10	13:00	10:45	10:45	10:45	10:45
	Sample Depth	140.0' - 145.	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154072	A7I230103003	3126219	AEL99004842	AEL99004851	3154064	3154073
Constituent	Units							
Mercury	mg/L	<0.00020 U	<0.00020 U	<0.00020 U				<0.00020 U
Mercury (Unfiltered)	mg/L							<0.00020 U
Nickel	mg/L	<0.0500 U	<0.0400 U	<0.050 U				<0.0500 U
Nickel (Unfiltered)	mg/L							<0.0500 U
Selenium	mg/L	<0.0100 UN	<0.0050 U	<0.0050 U				<0.0050 UN
Selenium (Unfiltered)	mg/L							<0.0050 U
Silver	mg/L	<0.0200 U	<0.0100 U	<0.020 U				<0.0200 U
Silver (Unfiltered)	mg/L							<0.0200 U
Sodium	mg/L							
Titanium	mg/L		<0.0500 U					
Zinc	mg/L	0.0037 B	<0.0200 U	0.0051 J				0.0053 B
Zinc (Unfiltered)	mg/L							0.0066 B
Acetylaminofluorene,2-	µg/l							
Aramite	µg/L							
Benzene,hexachloro-	µg/l							
Chlorobenzilate	µg/l							
Dibromo-3-chloropropane,1,2-	µg/l		<5.0 U	<5 U				
Dimethoate	µg/l							
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l							
Isodrin	µg/l							
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l							
Thionazin	µg/l							
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l							<0.0050 U
Total Petroleum Hydrocarbons	mg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S
	Sample ID	1839140	1642989	1837030	1839141	1839141	1839141	1839141
	Sample Date	05/17/1999	09/19/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	10:10	13:00	10:45	10:45	10:45	10:45
	Sample Depth	140.0' - 145.	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154072	A7I230103003	3126219	AEL99004842	AEL99004851	3154064	3154073
Constituent	Units							
Acenaphthene	µg/l							
Acenaphthylene	µg/l							
Acetophenetidide,p-	µg/l							
Acetophenone	µg/l							
Aminobiphenyl,4-	µg/l							
Aniline	µg/l							
Anthracene	µg/l							
Azobenzene,4-dimethylamino-	µg/l							
Benz[a]anthracene	µg/l							
Benz[a]anthracene,7,12-dimethyl-	µg/l							
Benz[e]acephenanthrylene	µg/l							
Benzene,1,2,4,5-tetrachloro-	µg/l							
Benzene,1,3,5-trinitro-	µg/l							
Benzene,1,3-dinitro-	µg/l							
Benzene,nitro-	µg/l							
Benzidine,3,3'-dichloro-	µg/l							
Benzidine,3,3'-dimethyl-	µg/l							
Benzo[a]pyrene	µg/l							
Benzo[ghi]perylene	µg/l							
Benzo[k]fluoranthene	µg/l							
Benzyl Alcohol	µg/l							
Benzyl Butyl Phthalate	µg/l							
Bis(2-chloroethoxy)methane	µg/l							
Bis(2-chloroethyl)ether	µg/l							
Bis(2-chloroisopropyl)ether	µg/l							
Bis(2-ethylhexyl)phthalate	µg/l							
Bromophenyl Phenyl Ether,4-	µg/l							
Butylamine,n-nitroso-di-n-	µg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S
	Sample ID	1839140	1642989	1837030	1839141	1839141	1839141	1839141
	Sample Date	05/17/1999	09/19/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	10:10	13:00	10:45	10:45	10:45	10:45
	Sample Depth	140.0' - 145.	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154072	A7I230103003	3126219	AEL99004842	AEL99004851	3154064	3154073
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l							
Chlorophenyl Phenyl Ether,4-	µg/l							
Chrysene	µg/l							
Cresol,2-	µg/l							
Cresol,3-	µg/L							
Cresol,4-	µg/l							
Cresol,4-Chloro-m-	µg/l							
Di-n-butyl Phthalate	µg/l							
Di-n-octyl Phthalate	µg/l							
Dibenz[a,h]anthracene	µg/l							
Dibenzo-furan	µg/l							
Dichloro-2-butylene,1,4-trans-	µg/l		<5.0 U	<50 U				
Diethyl Phthalate	µg/l							
Dimethyl Phthalate	µg/l							
Dimethylamine,n-nitroso-	µg/l							
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l							
Dinitrotoluene,2,4-	µg/l							
Dinitrotoluene,2,6-	µg/l							
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l							
Ethylamine,n-nitroso-	µg/l							
Ethylmethanesulfonate	µg/l							
Fluoranthene	µg/l							
Fluorene	µg/l							
Hexachlorobutadiene	µg/l							
Hexachloroethane	µg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S
	Sample ID	1839140	1642989	1837030	1839141	1839141	1839141	1839141
	Sample Date	05/17/1999	09/19/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	10:10	13:00	10:45	10:45	10:45	10:45
	Sample Depth	140.0' - 145.	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154072	A7I230103003	3126219	AEL99004842	AEL99004851	3154064	3154073
Constituent	Units							
Hexachloropropylene	µg/l							
Indeno(1,2,3-cd)pyrene	µg/l							
Isophorone	µg/l							
Isosafrole	µg/l							
Methapyrilene	µg/l							
Methyl Methanesulfonate	µg/l							
Methylcholanthrene,3-	µg/l							
Methylethylamine,n-nitroso-	µg/l							
Morpholine,n-nitroso-	µg/l							
Naphthalene	µg/l							
Naphthalene,2-chloro-	µg/l							
Naphthalene,2-methyl-	µg/l							
Naphthoquinone,1,4-	µg/l							
Naphthylamine,alpha-	µg/l							
Naphthylamine,beta-	µg/l							
Nitro-o-toluidine,5-	µg/l							
Nitroaniline,2-	µg/l							
Nitroaniline,3-	µg/l							
Nitroaniline,4-	µg/l							
Nitroquinoline-1-oxide,4-	µg/l							
Phenanthrene	µg/l							
Phenol	µg/l							
Phenol,2,3,4,6-tetrachloro-	µg/l							
Phenol,2,4,5-trichloro-	µg/l							
Phenol,2,4,6-trichloro-	µg/l							
Phenol,2,4-dichloro-	µg/l							
Phenol,2,4-dinitro-	µg/l							
Phenol,2,6-dichloro-	µg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S
	Sample ID	1839140	1642989	1837030	1839141	1839141	1839141	1839141
	Sample Date	05/17/1999	09/19/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	10:10	13:00	10:45	10:45	10:45	10:45
	Sample Depth	140.0' - 145.	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154072	A7I230103003	3126219	AEL99004842	AEL99004851	3154064	3154073
Constituent	Units							
Phenol,2-chloro-	µg/l							
Phenol,2-nitro-	µg/l							
Phenol,4-nitro-	µg/l							
Phenol,pentachloro-	µg/l							
Phenylenediamine,1,4-	µg/l							
Picoline,2-	µg/l							
Piperidine,n-nitroso-	µg/l							
Pronamide	µg/l							
Propylamine,n-nitroso-n-	µg/l							
Pyrene	µg/l							
Pyridine	µg/l							
Pyrrolidine,n-nitroso-	µg/l							
Safrole	µg/l							
Toluidine,o-	µg/l							
Triethyl Phosphorothioate,o,o,o-	µg/l							
Xylenol,2,4-	µg/l							
Acetone	µg/l		<100 UR	<20 UR				
Acetonitrile	µg/l			<100 UR				
Acrolein	µg/l		<20 UR	<100 UR				
Acrylonitrile	µg/l		<20 UR	<50 U				
Allyl Chloride	µg/l		<100 U	<5 U				
Benzene	µg/l		<1.0 U	<5 U				
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l							
Benzene,1,2-dichloro-	µg/l							
Benzene,1,3-dichloro-	µg/l							
Benzene,1,4-dichloro-	µg/l							
Benzene,chloro-	µg/l		<5.0 U	<5 U				

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S
	Sample ID	1839140	1642989	1837030	1839141	1839141	1839141	1839141
	Sample Date	05/17/1999	09/19/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	10:10	13:00	10:45	10:45	10:45	10:45
	Sample Depth	140.0' - 145.	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154072	A71230103003	3126219	AEL99004842	AEL99004851	3154064	3154073
Constituent	Units							
Benzene,ethyl	µg/l		<5.0 U	<5 U				
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l							
Benzene,pentachloronitro-	µg/l							
Bromoform	µg/l		<4.0 U	<5 U				
Carbon Disulfide	µg/l		<5.0 UJ	<5 U				
Carbon Tetrachloride	µg/l		<5.0 U	<5 U				
Chloroethane	µg/l		<10 U	<5 U				
Chloroform	µg/l		<5.0 U	<5 U				
Chloroprene,beta-	µg/l		<1.0 U	<5 UJ				
Dibromochloromethane	µg/l		<0.50 U	<5 U				
Dibromoethane,1,2-	µg/l		<0.50 U	<5 U				
Dibromomethane	µg/l		<5.0 U	<5 U				
Dichlorobromomethane	µg/l		<5.0 U	<5 U				
Dichlorodifluoromethane	µg/l		<5.0 U	<5 U				
Dichloroethane,1,1-	µg/l		<5.0 U	<5 U				
Dichloroethane,1,2-	µg/l		<1.0 U	<5 U				
Dichloroethylene,1,1-	µg/l		<1.0 U	<5 U				
Dichloroethylene,1,2-cis-	µg/l		<5.0 U	<5 U				
Dichloroethylene,1,2-trans-	µg/l		<5.0 U	<5 U				
Dichloropropane,1,2-	µg/l		<5.0 U	<5 U				
Dichloropropylene,1,3-, NOS	µg/l		<5.0 U					
Dichloropropylene,1,3-cis-	µg/l		<1.0 U	<5 U				
Dichloropropylene,1,3-trans-	µg/l		<1.0 U	<5 U				
Dioxane,1,4-	µg/l		<150 UR	<250 UR				
Ethylmethacrylate	µg/l		<5.0 U	<5 U				
Hexanone,2-	µg/l		<100 U	<10 U				
Iodomethane	µg/l		<5.0 U	<5 U				

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-11D	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S	RH-MW-11S
	Sample ID	1839140	1642989	1837030	1839141	1839141	1839141	1839141
	Sample Date	05/17/1999	09/19/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	11:00	10:10	13:00	10:45	10:45	10:45	10:45
	Sample Depth	140.0' - 145.	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'	13.5' - 22.5'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154072	A7I230103003	3126219	AEL99004842	AEL99004851	3154064	3154073
Constituent	Units							
Isobutyl Alcohol	µg/l		<50 UR	<250 UR				
Methacrylonitrile	µg/l		<5.0 U	<50 U				
Methyl Bromide	µg/l		<10 U	<5 U				
Methyl Chloride	µg/l		<10 U	<5 UJ				
Methyl Ethyl Ketone	µg/l		<100 UR	<10 UR				
Methyl Methacrylate	µg/l		<5.0 U	<5 U				
Methyl-2-pentanone,4-	µg/l		<100 U	<10 U				
Methyl-tert-butyl Ether	µg/l		<5.0 U	<5 U				
Methylene Chloride	µg/l		<5.0 U	<5 U				
Pentachloroethane	µg/L							
Propionitrile	µg/l		<5.0 UR	<100 UR				
Styrene	µg/l		<5.0 U	<5 U				
Tetrachloroethane,1,1,1,2-	µg/l		<1.0 U	<5 U				
Tetrachloroethane,1,1,2,2-	µg/l		<1.0 U	<5 U				
Tetrachloroethylene	µg/l		31	24				
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l		<5.0 U	<5 U				
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l		<5.0 U	<5 U				
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l		<5.0 U	<5 U				
Trichloroethylene	µg/l		<5.0 U	<5 U				
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l		<5.0 U	<5 U				
Trichloropropane,1,2,3-	µg/l		<5.0 U	<5 U				
Vinyl Acetate	µg/l		<5.0 U	<10 U				
Vinyl Chloride	µg/l		<2.0 U	<5 U				
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-12S	RH-MW-12S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S
	Sample ID	1642990	1837036	1642991	1837037	1839135	1839135	1839135
	Sample Date	09/19/1997	04/08/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	10:40	08:55	10:55	09:15	11:45	11:45	11:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'
	Laboratory	QUAN	LANC	QUAN	LANC	AEL	AEL	LANC
	Lab. Number	A7I230103004	3127204	A7I230103005	3127205	AEL99004801	AEL99004807	3152937
Constituent	Units							
Depth of Well	FT	23.16		28.80		28.96	28.96	28.96
Depth to Water	FT	19.95		26.17		24.58	24.58	24.58
Specific Conductivity (field)	µhos	596	499	813	869	598	598	598
Water Elevation	FT			4.48		6.07	6.07	6.07
pH (field)	SU	6.72	6.92	5.09	6.62	6.20	6.20	6.20
Date Metals Analyzed	-	09/25/1997	04/14/1999	09/25/1997	04/14/1999	05/14/1999	05/18/1999	05/20/1999
Date Organics Analyzed	-	10/02/1997	04/15/1999	10/02/1997	04/15/1999			
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-							05/20/1999
Date Semi-volatile Organics Analyzed	-							
Diallate	µg/l							
Dinoseb	µg/L							
Arsenic	mg/L	<0.0100 U	<0.010 U	<0.0100 U	<0.010 U			
Arsenic (Unfiltered)	mg/L							<0.0100 U
Barium	mg/L	<0.2 U	0.0468 J	<0.2 U	0.0371 J			
Barium (Unfiltered)	mg/L							0.0472 B
Beryllium	mg/L							
Beryllium (Unfiltered)	mg/L							<0.0100 U
Cadmium	mg/L	<0.0050 U	<0.0015 U	<0.0050 U	<0.0015 U			
Cadmium (Unfiltered)	mg/L							0.00046 B
Chromium	mg/L	<0.0100 U	<0.030 U	<0.0100 U	<0.030 U		<0.010	
Chromium (Unfiltered)	mg/L						<0.010	
Chromium(VI)	mg/L						<0.010	
Cobalt	mg/L							
Copper	mg/L							
Copper (Unfiltered)	mg/L							<0.0250 U
Lead	mg/L	<0.0030 U	<0.0030 UJ	<0.0030 U	<0.0030 UJ			
Lead (Unfiltered)	mg/L							<0.0030 U

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-12S	RH-MW-12S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S
	Sample ID	1642990	1837036	1642991	1837037	1839135	1839135	1839135
	Sample Date	09/19/1997	04/08/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	10:40	08:55	10:55	09:15	11:45	11:45	11:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'
	Laboratory	QUAN	LANC	QUAN	LANC	AEL	AEL	LANC
	Lab. Number	A7I230103004	3127204	A7I230103005	3127205	AEL99004801	AEL99004807	3152937
Constituent	Units							
Mercury	mg/L	<0.00020 U	<0.00020 U	<0.00020 U	<0.00020 U			
Mercury (Unfiltered)	mg/L							<0.00020 U
Nickel	mg/L	<0.0400 U	<0.050 U	0.0403	0.0266 J			
Nickel (Unfiltered)	mg/L							0.0417 B
Selenium	mg/L	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U			
Selenium (Unfiltered)	mg/L							<0.0050 U
Silver	mg/L	<0.0100 U	<0.020 U	<0.0100 U	<0.020 U			
Silver (Unfiltered)	mg/L							<0.0200 U
Sodium	mg/L							
Titanium	mg/L	<0.0500 U		<0.0500 U				
Zinc	mg/L	<0.0200 U	0.0041 J	0.0881	0.058			
Zinc (Unfiltered)	mg/L							0.0522
Acetylaminofluorene,2-	µg/l							
Aramite	µg/L							
Benzene,hexachloro-	µg/l							
Chlorobenzilate	µg/l							
Dibromo-3-chloropropane,1,2-	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Dimethoate	µg/l							
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l							
Isodrin	µg/l							
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l							
Thionazin	µg/l							
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l							<0.0050 U
Total Petroleum Hydrocarbons	mg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-12S	RH-MW-12S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S
	Sample ID	1642990	1837036	1642991	1837037	1839135	1839135	1839135
	Sample Date	09/19/1997	04/08/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	10:40	08:55	10:55	09:15	11:45	11:45	11:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'
	Laboratory	QUAN	LANC	QUAN	LANC	AEL	AEL	LANC
	Lab. Number	A7I230103004	3127204	A7I230103005	3127205	AEL99004801	AEL99004807	3152937
Constituent	Units							
Acenaphthene	µg/l							
Acenaphthylene	µg/l							
Acetophenetidide,p-	µg/l							
Acetophenone	µg/l							
Aminobiphenyl,4-	µg/l							
Aniline	µg/l							
Anthracene	µg/l							
Azobenzene,4-dimethylamino-	µg/l							
Benz[a]anthracene	µg/l							
Benz[a]anthracene,7,12-dimethyl-	µg/l							
Benz[e]acephenanthrylene	µg/l							
Benzene,1,2,4,5-tetrachloro-	µg/l							
Benzene,1,3,5-trinitro-	µg/l							
Benzene,1,3-dinitro-	µg/l							
Benzene,nitro-	µg/l							
Benzidine,3,3'-dichloro-	µg/l							
Benzidine,3,3'-dimethyl-	µg/l							
Benzo[a]pyrene	µg/l							
Benzo[ghi]perylene	µg/l							
Benzo[k]fluoranthene	µg/l							
Benzyl Alcohol	µg/l							
Benzyl Butyl Phthalate	µg/l							
Bis(2-chloroethoxy)methane	µg/l							
Bis(2-chloroethyl)ether	µg/l							
Bis(2-chloroisopropyl)ether	µg/l							
Bis(2-ethylhexyl)phthalate	µg/l							
Bromophenyl Phenyl Ether,4-	µg/l							
Butylamine,n-nitroso-di-n-	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-12S	RH-MW-12S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S
	Sample ID	1642990	1837036	1642991	1837037	1839135	1839135	1839135
	Sample Date	09/19/1997	04/08/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	10:40	08:55	10:55	09:15	11:45	11:45	11:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'
	Laboratory	QUAN	LANC	QUAN	LANC	AEL	AEL	LANC
	Lab. Number	A7I230103004	3127204	A7I230103005	3127205	AEL99004801	AEL99004807	3152937
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l							
Chlorophenyl Phenyl Ether,4-	µg/l							
Chrysene	µg/l							
Cresol,2-	µg/l							
Cresol,3-	µg/L							
Cresol,4-	µg/l							
Cresol,4-Chloro-m-	µg/l							
Di-n-butyl Phthalate	µg/l							
Di-n-octyl Phthalate	µg/l							
Dibenz[a,h]anthracene	µg/l							
Dibenzofuran	µg/l							
Dichloro-2-butylene,1,4-trans-	µg/l	<5.0 U	<50 U	<5.0 U	<50 U			
Diethyl Phthalate	µg/l							
Dimethyl Phthalate	µg/l							
Dimethylamine,n-nitroso-	µg/l							
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l							
Dinitrotoluene,2,4-	µg/l							
Dinitrotoluene,2,6-	µg/l							
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l							
Ethylamine,n-nitroso-	µg/l							
Ethylmethanesulfonate	µg/l							
Fluoranthene	µg/l							
Fluorene	µg/l							
Hexachlorobutadiene	µg/l							
Hexachloroethane	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-12S	RH-MW-12S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S
	Sample ID	1642990	1837036	1642991	1837037	1839135	1839135	1839135
	Sample Date	09/19/1997	04/08/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	10:40	08:55	10:55	09:15	11:45	11:45	11:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'
	Laboratory	QUAN	LANC	QUAN	LANC	AEL	AEL	LANC
	Lab. Number	A7I230103004	3127204	A7I230103005	3127205	AEL99004801	AEL99004807	3152937
Constituent	Units							
Hexachloropropylene	µg/l							
Indeno(1,2,3-cd)pyrene	µg/l							
Isophorone	µg/l							
Isosafrole	µg/l							
Methapyrilene	µg/l							
Methyl Methanesulfonate	µg/l							
Methylcholanthrene,3-	µg/l							
Methylethylamine,n-nitroso-	µg/l							
Morpholine,n-nitroso-	µg/l							
Naphthalene	µg/l							
Naphthalene,2-chloro-	µg/l							
Naphthalene,2-methyl-	µg/l							
Naphthoquinone,1,4-	µg/l							
Naphthylamine,alpha-	µg/l							
Naphthylamine,beta-	µg/l							
Nitro-o-toluidine,5-	µg/l							
Nitroaniline,2-	µg/l							
Nitroaniline,3-	µg/l							
Nitroaniline,4-	µg/l							
Nitroquinoline-1-oxide,4-	µg/l							
Phenanthrene	µg/l							
Phenol	µg/l							
Phenol,2,3,4,6-tetrachloro-	µg/l							
Phenol,2,4,5-trichloro-	µg/l							
Phenol,2,4,6-trichloro-	µg/l							
Phenol,2,4-dichloro-	µg/l							
Phenol,2,4-dinitro-	µg/l							
Phenol,2,6-dichloro-	µg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-12S	RH-MW-12S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S
	Sample ID	1642990	1837036	1642991	1837037	1839135	1839135	1839135
	Sample Date	09/19/1997	04/08/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	10:40	08:55	10:55	09:15	11:45	11:45	11:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'
	Laboratory	QUAN	LANC	QUAN	LANC	AEL	AEL	LANC
	Lab. Number	A7I230103004	3127204	A7I230103005	3127205	AEL99004801	AEL99004807	3152937
Constituent	Units							
Phenol,2-chloro-	µg/l							
Phenol,2-nitro-	µg/l							
Phenol,4-nitro-	µg/l							
Phenol,pentachloro-	µg/l							
Phenylenediamine,1,4-	µg/l							
Picoline,2-	µg/l							
Piperidine,n-nitroso-	µg/l							
Pronamide	µg/l							
Propylamine,n-nitroso-n-	µg/l							
Pyrene	µg/l							
Pyridine	µg/l							
Pyrrolidine,n-nitroso-	µg/l							
Safrole	µg/l							
Toluidine,o-	µg/l							
Triethyl Phosphorothioate,o,o,o-	µg/l							
Xylenol,2,4-	µg/l							
Acetone	µg/l	<100 UR	<20 UR	<100 UR	<20 UR			
Acetonitrile	µg/l		<100 UR		<100 UR			
Acrolein	µg/l	<20 UR	<100 UR	<20 UR	<100 UR			
Acrylonitrile	µg/l	<20 UR	<50 U	<20 UR	<50 U			
Allyl Chloride	µg/l	<100 U	<5 U	<100 U	<5 U			
Benzene	µg/l	<1.0 U	<5 U	<1.0 U	<5 U			
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l							
Benzene,1,2-dichloro-	µg/l							
Benzene,1,3-dichloro-	µg/l							
Benzene,1,4-dichloro-	µg/l							
Benzene,chloro-	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-12S	RH-MW-12S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S
	Sample ID	1642990	1837036	1642991	1837037	1839135	1839135	1839135
	Sample Date	09/19/1997	04/08/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	10:40	08:55	10:55	09:15	11:45	11:45	11:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'
	Laboratory	QUAN	LANC	QUAN	LANC	AEL	AEL	LANC
	Lab. Number	A7I230103004	3127204	A7I230103005	3127205	AEL99004801	AEL99004807	3152937
Constituent	Units							
Benzene,ethyl	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l							
Benzene,pentachloronitro-	µg/l							
Bromoform	µg/l	<4.0 U	<5 U	<4.0 U	<5 U			
Carbon Disulfide	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Carbon Tetrachloride	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Chloroethane	µg/l	<10 U	<5 U	<10 U	<5 U			
Chloroform	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Chloroprene,beta-	µg/l	<1.0 U	<5 U	<1.0 U	<5 U			
Dibromochloromethane	µg/l	<0.50 U	<5 U	<0.50 U	<5 U			
Dibromoethane,1,2-	µg/l	<0.50 U	<5 U	<0.50 U	<5 U			
Dibromomethane	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Dichlorobromomethane	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Dichlorodifluoromethane	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Dichloroethane,1,1-	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Dichloroethane,1,2-	µg/l	<1.0 U	<5 U	<1.0 U	<5 U			
Dichloroethylene,1,1-	µg/l	<1.0 U	<5 U	<1.0 U	<5 U			
Dichloroethylene,1,2-cis-	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Dichloroethylene,1,2-trans-	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Dichloropropane,1,2-	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Dichloropropylene,1,3-, NOS	µg/l	<5.0 U		<5.0 U				
Dichloropropylene,1,3-cis-	µg/l	<1.0 U	<5 U	<1.0 U	<5 U			
Dichloropropylene,1,3-trans-	µg/l	<1.0 U	<5 U	<1.0 U	<5 U			
Dioxane,1,4-	µg/l	<150 UR	<250 UR	<150 UR	<250 UR			
Ethylmethacrylate	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Hexanone,2-	µg/l	<100 U	<10 U	<100 U	<10 U			
Iodomethane	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-12S	RH-MW-12S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S	RH-MW-13S
	Sample ID	1642990	1837036	1642991	1837037	1839135	1839135	1839135
	Sample Date	09/19/1997	04/08/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	10:40	08:55	10:55	09:15	11:45	11:45	11:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'	17.0' - 26.0'
	Laboratory	QUAN	LANC	QUAN	LANC	AEL	AEL	LANC
	Lab. Number	A7I230103004	3127204	A7I230103005	3127205	AEL99004801	AEL99004807	3152937
Constituent	Units							
Isobutyl Alcohol	µg/l	<50 UR	<250 UR	<50 UR	<250 UR			
Methacrylonitrile	µg/l	<5.0 U	<5.0 U	<5.0 U	<5.0 U			
Methyl Bromide	µg/l	<10 U	<5 U	<10 U	<5 U			
Methyl Chloride	µg/l	<10 U	<5 U	<10 U	<5 U			
Methyl Ethyl Ketone	µg/l	<100 UR	<10 UR	<100 UR	<10 UR			
Methyl Methacrylate	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Methyl-2-pentanone,4-	µg/l	<100 U	<10 U	<100 U	<10 U			
Methyl-tert-butyl Ether	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Methylene Chloride	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Pentachloroethane	µg/L							
Propionitrile	µg/l	<5.0 UR	<100 UR	<5.0 UR	<100 UR			
Styrene	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Tetrachloroethane,1,1,1,2-	µg/l	<1.0 U	<5 U	<1.0 U	<5 U			
Tetrachloroethane,1,1,2,2-	µg/l	<1.0 U	<5 U	<1.0 U	<5 U			
Tetrachloroethylene	µg/l	<5.0 U	2 J	<5.0 U	<5 U			
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Trichloroethylene	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Trichloropropane,1,2,3-	µg/l	<5.0 U	<5 U	<5.0 U	<5 U			
Vinyl Acetate	µg/l	<5.0 U	<10 U	<5.0 U	<10 U			
Vinyl Chloride	µg/l	<2.0 U	<5 U	<2.0 U	<5 U			
Xylene,o- (screening)	µg/L							

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-13S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S
	Sample ID	1839135	1642992	1837038	1839136	1839136	1839136	1839136
	Sample Date	05/14/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	11:45	11:15	09:40	12:30	12:30	12:30	12:30
	Sample Depth	17.0' - 26.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3152967	A7I230103006	3127203	AEL99004802	AEL99004808	3152938	3152968
Constituent	Units							
Depth of Well	FT	28.96	26.65		26.69	26.69	26.69	26.69
Depth to Water	FT	24.58	23.97		22.21	22.21	22.21	22.21
Specific Conductivity (field)	µmhos	598	278	256	136.2	136.2	136.2	136.2
Water Elevation	FT	6.07	4.22		5.98	5.98	5.98	5.98
pH (field)	SU	6.20	6.72	7.73	6.69	6.69	6.69	6.69
Date Metals Analyzed	-	05/23/1999	09/25/1997	04/14/1999	05/14/1999	05/18/1999	05/20/1999	05/23/1999
Date Organics Analyzed	-		10/02/1997	04/13/1999				
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-						05/20/1999	
Date Semi-volatile Organics Analyzed	-							
Diallate	µg/l							
Dinoseb	µg/L							
Arsenic	mg/L	<0.0100 U	<0.0100 U	<0.010 U				<0.0100 U
Arsenic (Unfiltered)	mg/L							<0.0100 U
Barium	mg/L	0.0477 B	<0.2 U	0.0893 J				0.0811 B
Barium (Unfiltered)	mg/L							0.0916 B
Beryllium	mg/L	0.0021 B						<0.0100 U
Beryllium (Unfiltered)	mg/L							<0.0100 U
Cadmium	mg/L	0.00023 B	<0.0050 U	<0.0015 U				<0.00050 U
Cadmium (Unfiltered)	mg/L							<0.00050 U
Chromium	mg/L		<0.0100 U	<0.030 U		<0.010		
Chromium (Unfiltered)	mg/L					<0.010		
Chromium(VI)	mg/L					<0.010		
Cobalt	mg/L							
Copper	mg/L	<0.0250 U						<0.0250 U
Copper (Unfiltered)	mg/L							<0.0250 U
Lead	mg/L	<0.0030 U	<0.0030 U	<0.0030 UJ				<0.0030 U
Lead (Unfiltered)	mg/L							<0.0030 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-13S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S
	Sample ID	1839135	1642992	1837038	1839136	1839136	1839136	1839136
	Sample Date	05/14/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	11:45	11:15	09:40	12:30	12:30	12:30	12:30
	Sample Depth	17.0' - 26.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3152967	A7I230103006	3127203	AEL99004802	AEL99004808	3152938	3152968
Constituent	Units							
Mercury	mg/L	<0.00020 U	<0.00020 U	<0.00020 U				<0.00020 U
Mercury (Unfiltered)	mg/L							0.000057 B
Nickel	mg/L	0.0412 B	<0.0400 U	<0.050 U				<0.0500 U
Nickel (Unfiltered)	mg/L							0.0067 B
Selenium	mg/L	<0.0050 UN	<0.0050 U	0.0023 J				0.0024 BN
Selenium (Unfiltered)	mg/L							<0.0050 U
Silver	mg/L	<0.0200 U	<0.0100 U	<0.020 U				<0.0200 U
Silver (Unfiltered)	mg/L							<0.0200 U
Sodium	mg/L							
Titanium	mg/L		<0.0500 U					
Zinc	mg/L	0.0533 E	0.0479	0.0089 J				0.0105 B
Zinc (Unfiltered)	mg/L							0.0031 B
Acetylaminofluorene,2-	µg/l							
Aramite	µg/L							
Benzene,hexachloro-	µg/l							
Chlorobenzilate	µg/l							
Dibromo-3-chloropropane,1,2-	µg/l		<5.0 U	<5 U				
Dimethoate	µg/l							
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l							
Isodrin	µg/l							
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l							
Thionazin	µg/l							
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l							<0.0050 U
Total Petroleum Hydrocarbons	mg/l							

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-13S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S
	Sample ID	1839135	1642992	1837038	1839136	1839136	1839136	1839136
	Sample Date	05/14/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	11:45	11:15	09:40	12:30	12:30	12:30	12:30
	Sample Depth	17.0' - 26.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3152967	A7I230103006	3127203	AEL99004802	AEL99004808	3152938	3152968
Constituent	Units							
Acenaphthene	µg/l							
Acenaphthylene	µg/l							
Acetophenetidide,p-	µg/l							
Acetophenone	µg/l							
Aminobiphenyl,4-	µg/l							
Aniline	µg/l							
Anthracene	µg/l							
Azobenzene,4-dimethylamino-	µg/l							
Benz[a]anthracene	µg/l							
Benz[a]anthracene,7,12-dimethyl-	µg/l							
Benz[e]acephenanthrylene	µg/l							
Benzene,1,2,4,5-tetrachloro-	µg/l							
Benzene,1,3,5-trinitro-	µg/l							
Benzene,1,3-dinitro-	µg/l							
Benzene,nitro-	µg/l							
Benzidine,3,3'-dichloro-	µg/l							
Benzidine,3,3'-dimethyl-	µg/l							
Benzo[a]pyrene	µg/l							
Benzo[ghi]perylene	µg/l							
Benzo[k]fluoranthene	µg/l							
Benzyl Alcohol	µg/l							
Benzyl Butyl Phthalate	µg/l							
Bis(2-chloroethoxy)methane	µg/l							
Bis(2-chloroethyl)ether	µg/l							
Bis(2-chloroisopropyl)ether	µg/l							
Bis(2-ethylhexyl)phthalate	µg/l							
Bromophenyl Phenyl Ether,4-	µg/l							
Butylamine,n-nitroso-di-n-	µg/l							

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-13S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S
Sample ID	1839135	1642992	1837038	1839136	1839136	1839136	1839136	1839136
Sample Date	05/14/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999
Sample Time	11:45	11:15	09:40	12:30	12:30	12:30	12:30	12:30
Sample Depth	17.0' - 26.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
Lab. Number	3152967	A7I230103006	3127203	AEL99004802	AEL99004808	3152938	3152968	
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l							
Chlorophenyl Phenyl Ether,4-	µg/l							
Chrysene	µg/l							
Cresol,2-	µg/l							
Cresol,3-	µg/L							
Cresol,4-	µg/l							
Cresol,4-Chloro-m-	µg/l							
Di-n-butyl Phthalate	µg/l							
Di-n-octyl Phthalate	µg/l							
Dibenz[a,h]anthracene	µg/l							
Dibenzo furan	µg/l							
Dichloro-2-butylene,1,4-trans-	µg/l		<5.0 U	<50 U				
Diethyl Phthalate	µg/l							
Dimethyl Phthalate	µg/l							
Dimethylamine,n-nitroso-	µg/l							
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l							
Dinitrotoluene,2,4-	µg/l							
Dinitrotoluene,2,6-	µg/l							
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l							
Ethylamine,n-nitroso-	µg/l							
Ethylmethanesulfonate	µg/l							
Fluoranthene	µg/l							
Fluorene	µg/l							
Hexachlorobutadiene	µg/l							
Hexachloroethane	µg/l							

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**Table 4**  
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	Location ID	RH-MW-13S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S
	Sample ID	1839135	1642992	1837038	1839136	1839136	1839136	1839136
	Sample Date	05/14/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	11:45	11:15	09:40	12:30	12:30	12:30	12:30
	Sample Depth	17.0' - 26.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3152967	A7I230103006	3127203	AEL99004802	AEL99004808	3152938	3152968
Constituent	Units							
Hexachloropropylene	µg/l							
Indeno(1,2,3-cd)pyrene	µg/l							
Isophorone	µg/l							
Isosafrole	µg/l							
Methapynilene	µg/l							
Methyl Methanesulfonate	µg/l							
Methylcholanthrene,3-	µg/l							
Methylethylamine,n-nitroso-	µg/l							
Morpholine,n-nitroso-	µg/l							
Naphthalene	µg/l							
Naphthalene,2-chloro-	µg/l							
Naphthalene,2-methyl-	µg/l							
Naphthoquinone,1,4-	µg/l							
Naphthylamine,alpha-	µg/l							
Naphthylamine,beta-	µg/l							
Nitro-o-toluidine,5-	µg/l							
Nitroaniline,2-	µg/l							
Nitroaniline,3-	µg/l							
Nitroaniline,4-	µg/l							
Nitroquinoline-1-oxide,4-	µg/l							
Phenanthrene	µg/l							
Phenol	µg/l							
Phenol,2,3,4,6-tetrachloro-	µg/l							
Phenol,2,4,5-trichloro-	µg/l							
Phenol,2,4,6-trichloro-	µg/l							
Phenol,2,4-dichloro-	µg/l							
Phenol,2,4-dinitro-	µg/l							
Phenol,2,6-dichloro-	µg/l							

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**Table 4**  
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	Location ID	RH-MW-13S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S
Sample ID	1839135	1642992	1837038	1839136	1839136	1839136	1839136	1839136
Sample Date	05/14/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999
Sample Time	11:45	11:15	09:40	12:30	12:30	12:30	12:30	12:30
Sample Depth	17.0' - 26.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
Lab. Number	3152967	A7I230103006	3127203	AEL99004802	AEL99004808	3152938	3152968	
Constituent	Units							
Phenol,2-chloro-	µg/l							
Phenol,2-nitro-	µg/l							
Phenol,4-nitro-	µg/l							
Phenol,pentachloro-	µg/l							
Phenylenediamine,1,4-	µg/l							
Picoline,2-	µg/l							
Pipendine,n-nitroso-	µg/l							
Pronamide	µg/l							
Propylamine,n-nitroso-n-	µg/l							
Pyrene	µg/l							
Pyridine	µg/l							
Pyrrolidine,n-nitroso-	µg/l							
Safrole	µg/l							
Toluidine,o-	µg/l							
Triethyl Phosphorothioate,o,o,o-	µg/l							
Xylenol,2,4-	µg/l							
Acetone	µg/l		<100 UR	<20 UR				
Acetonitrile	µg/l			<100 UR				
Acrolein	µg/l		<20 UR	<100 UR				
Acrylonitrile	µg/l		<20 UR	<50 U				
Allyl Chloride	µg/l		<100 U	<5 UJ				
Benzene	µg/l		<1.0 U	<5 U				
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l							
Benzene,1,2-dichloro-	µg/l							
Benzene,1,3-dichloro-	µg/l							
Benzene,1,4-dichloro-	µg/l							
Benzene,chloro-	µg/l			<5.0 U	<5 U			

Notes: 1. Printed on 02/17/00

**Table 4**  
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	Location ID	RH-MW-13S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S
Sample ID	1839135	1642992	1837038	1839136	1839136	1839136	1839136	1839136
Sample Date	05/14/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999
Sample Time	11:45	11:15	09:40	12:30	12:30	12:30	12:30	12:30
Sample Depth	17.0' - 26.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
Lab. Number	3152967	A7I230103006	3127203	AEL99004802	AEL99004808	3152938	3152968	
Constituent	Units							
Benzene,ethyl	µg/l		<5.0 U	<5 U				
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l							
Benzene,pentachloronitro-	µg/l							
Bromoform	µg/l		<4.0 U	<5 U				
Carbon Disulfide	µg/l		<5.0 U	<5 U				
Carbon Tetrachloride	µg/l		<5.0 U	<5 U				
Chloroethane	µg/l		<10 U	<5 U				
Chloroform	µg/l		<5.0 U	<5 U				
Chloroprene,beta-	µg/l		<1.0 U	<5 U				
Dibromochloromethane	µg/l		<0.50 U	<5 U				
Dibromoethane,1,2-	µg/l		<0.50 U	<5 U				
Dibromomethane	µg/l		<5.0 U	<5 U				
Dichlorobromomethane	µg/l		<5.0 U	<5 U				
Dichlorodifluoromethane	µg/l		<5.0 U	<5 U				
Dichloroethane,1,1-	µg/l		<5.0 U	<5 U				
Dichloroethane,1,2-	µg/l		<1.0 U	<5 U				
Dichloroethylene,1,1-	µg/l		<1.0 U	<5 U				
Dichloroethylene,1,2-cis-	µg/l		<5.0 U	<5 U				
Dichloroethylene,1,2-trans-	µg/l		<5.0 U	<5 U				
Dichloropropane,1,2-	µg/l		<5.0 U	<5 U				
Dichloropropylene,1,3-, NOS	µg/l		<5.0 U					
Dichloropropylene,1,3-cis-	µg/l		<1.0 U	<5 U				
Dichloropropylene,1,3-trans-	µg/l		<1.0 U	<5 U				
Dioxane,1,4-	µg/l		<150 UR	<250 UR				
Ethylmethacrylate	µg/l		<5.0 U	<5 U				
Hexanone,2-	µg/l		<100 U	<10 U				
Iodomethane	µg/l		<5.0 U	<5 U				

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-13S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S	RH-MW-14S
	Sample ID	1839135	1642992	1837038	1839136	1839136	1839136	1839136
	Sample Date	05/14/1999	09/19/1997	04/08/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999
	Sample Time	11:45	11:15	09:40	12:30	12:30	12:30	12:30
	Sample Depth	17.0' - 26.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3152967	A7I230103006	3127203	AEL99004802	AEL99004808	3152938	3152968
Constituent	Units							
Isobutyl Alcohol	µg/l		<50 UR	<250 UR				
Methacrylonitrile	µg/l		<5.0 U	<5 U				
Methyl Bromide	µg/l		<10 U	<5 U				
Methyl Chloride	µg/l		<10 U	<5 U				
Methyl Ethyl Ketone	µg/l		<100 UR	<10 UR				
Methyl Methacrylate	µg/l		<5.0 U	<5 U				
Methyl-2-pentanone,4-	µg/l		<100 U	<10 U				
Methyl-tert-butyl Ether	µg/l		<5.0 U	<5 U				
Methylene Chloride	µg/l		<5.0 U	<5 U				
Pentachloroethane	µg/L							
Propionitrile	µg/l		<5.0 UR	<100 UR				
Styrene	µg/l		<5.0 U	<5 U				
Tetrachloroethane,1,1,1,2-	µg/l		<1.0 U	<5 U				
Tetrachloroethane,1,1,2,2-	µg/l		<1.0 U	<5 U				
Tetrachloroethylene	µg/l		<5.0 U	<5 U				
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l		<5.0 U	<5 U				
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l		<5.0 U	<5 U				
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l		<5.0 U	<5 U				
Trichloroethylene	µg/l		<5.0 U	<5 U				
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l		<5.0 U	<5 U				
Trichloropropane,1,2,3-	µg/l		<5.0 U	<5 U				
Vinyl Acetate	µg/l		<5.0 U	<10 U				
Vinyl Chloride	µg/l		<2.0 U	<5 U				
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: I. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-15S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S
Sample ID	1837039	1642976	1837028	1839150	1839150	1839150	1839150	1839150
Sample Date	04/08/1999	09/18/1997	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999
Sample Time	12:15	10:30	11:30	11:05	11:05	11:05	11:05	11:05
Sample Depth	15.0' - 24.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
Lab. Number	3127207	A7I220134002	3126217	AEL99004916	AEL99004921	3154943	3154975	
Constituent	Units							
Depth of Well	FT		28.90		30.26	30.26	30.26	30.26
Depth to Water	FT		25.18		24.96	24.96	24.96	24.96
Specific Conductivity (field)	µhos	378	426	439	644	644	644	644
Water Elevation	FT		6.85		7.07	7.07	7.07	7.07
pH (field)	SU	6.93	7.06	7.32	6.92	6.92	6.92	6.92
Date Metals Analyzed	-		09/25/1997	04/14/1999	05/18/1999	05/20/1999	05/26/1999	05/26/1999
Date Organics Analyzed	-	04/15/1999	09/29/1997	04/12/1999				
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		09/29/1997	04/16/1999			05/26/1999	
Date Semi-volatile Organics Analyzed	-		10/15/1997	04/13/1999				
Diallate	µg/l			<10 U				
Dinoseb	µg/L		<10 U					
Arsenic	mg/L		<0.0100 U	<0.010 U				<0.0100 U
Arsenic (Unfiltered)	mg/L						0.0050 B	
Barium	mg/L		<0.2 U	0.0224 J				0.0554 B
Barium (Unfiltered)	mg/L						0.307	
Beryllium	mg/L							<0.0100 U
Beryllium (Unfiltered)	mg/L						<0.0100 U	
Cadmium	mg/L		<0.0050 U	<0.0015 U				0.00038 B
Cadmium (Unfiltered)	mg/L						<0.0125 U	
Chromium	mg/L		<0.0100 U	<0.030 U		<0.010		
Chromium (Unfiltered)	mg/L				0.012			
Chromium(VI)	mg/L				<0.010			
Cobalt	mg/L							
Copper	mg/L						0.0085 B	
Copper (Unfiltered)	mg/L					0.161		
Lead	mg/L		<0.0030 U	<0.0030 UJ				<0.0030 U
Lead (Unfiltered)	mg/L					0.0854		

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-15S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S
	Sample ID	1837039	1642976	1837028	1839150	1839150	1839150	1839150
	Sample Date	04/08/1999	09/18/1997	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999
	Sample Time	12:15	10:30	11:30	11:05	11:05	11:05	11:05
	Sample Depth	15.0' - 24.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3127207	A7I220134002	3126217	AEL99004916	AEL99004921	3154943	3154975
Constituent	Units							
Mercury	mg/L		<0.00020 U	<0.00020 U				<0.00020 U
Mercury (Unfiltered)	mg/L						0.00066	
Nickel	mg/L		<0.0400 U	<0.050 U				<0.0500 U
Nickel (Unfiltered)	mg/L						0.0329 B	
Selenium	mg/L		<0.0050 U	<0.0050 U				<0.0050 U
Selenium (Unfiltered)	mg/L						<0.0050 U	
Silver	mg/L		<0.0100 U	<0.020 U				<0.0200 U
Silver (Unfiltered)	mg/L						<0.0200 U	
Sodium	mg/L		87.2					
Titanium	mg/L		<0.0500 U					
Zinc	mg/L		0.103	0.234				0.4
Zinc (Unfiltered)	mg/L						1.72	
Acetylaminofluorene,2-	µg/l		<10 U	<10 U				
Aramite	µg/L		<10 U					
Benzene,hexachloro-	µg/l		<0.80 U	<10 U				
Chlorobenzilate	µg/l			<19 U				
Dibromo-3-chloropropane,1,2-	µg/l	<5 U	<5.0 U	<5 U				
Dimethoate	µg/l		<10 U	<19 U				
Disulfoton	µg/L		<10 U					
Famphur	µg/L		<20 UJ					
Hexachlorocyclopentadiene	µg/l		<10 U	<24 U				
Isodrin	µg/l			<24 U				
Phorate	µg/L		<10 U					
Tetraethyl Dithiopyrophosphate	µg/l			<10 U				
Thionazin	µg/l			<10 U				
Chloride	mg/L		6.4					
Cyanide (Unfiltered)	mg/l		<1.0 U	0.25 JU			<0.0050 U	
Total Petroleum Hydrocarbons	mg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-15S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S
	Sample ID	1837039	1642976	1837028	1839150	1839150	1839150	1839150
	Sample Date	04/08/1999	09/18/1997	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999
	Sample Time	12:15	10:30	11:30	11:05	11:05	11:05	11:05
	Sample Depth	15.0' - 24.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3127207	A7I220134002	3126217	AEL99004916	AEL99004921	3154943	3154975
Constituent	Units							
Acenaphthene	µg/l		<10 U	<10 U				
Acenaphthylene	µg/l		<0.80 U	<10 U				
Acetophenetidide,p-	µg/l		<10 U	<10 U				
Acetophenone	µg/l		<10 U	<10 U				
Aminobiphenyl,4-	µg/l		<10 U	<10 U				
Aniline	µg/l		<10 U	<10 U				
Anthracene	µg/l		<10 U	<10 U				
Azobenzene,4-dimethylamino-	µg/l		<10 U	<10 U				
Benz[a]anthracene	µg/l		<0.80 U	<10 U				
Benz[a]anthracene,7,12-dimethyl-	µg/l		<10 U	<10 U				
Benz[e]acephenanthrylene	µg/l		<0.80 U	<10 U				
Benzene,1,2,4,5-tetrachloro-	µg/l		<10 U	<10 U				
Benzene,1,3,5-trinitro-	µg/l		<10 U	<19 U				
Benzene,1,3-dinitro-	µg/l		<10 U	<10 U				
Benzene,nitro-	µg/l		<10 U	<10 U				
Benzidine,3,3'-dichloro-	µg/l		<20 U	<10 U				
Benzidine,3,3'-dimethyl-	µg/l		<10 U	<24 U				
Benzo[a]pyrene	µg/l		<0.70 U	<10 U				
Benzo[ghi]perylene	µg/l		<10 U	<10 U				
Benzo[k]fluoranthene	µg/l		<0.80 U	<10 U				
Benzyl Alcohol	µg/l		<20 U	<19 U				
Benzyl Butyl Phthalate	µg/l		<10 U	<10 U				
Bis(2-chloroethoxy)methane	µg/l		<10 U	<10 U				
Bis(2-chloroethyl)ether	µg/l		<10 U	<10 U				
Bis(2-chloroisopropyl)ether	µg/l		<10 U	<10 U				
Bis(2-ethylhexyl)phthalate	µg/l		<7.0 U	<10 U				
Bromophenyl Phenyl Ether,4-	µg/l		<10 U	<10 U				
Butylamine,n-nitroso-di-n-	µg/l		<10 U	<10 U				

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-15S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S
Sample ID	1837039	1642976	1837028	1839150	1839150	1839150	1839150	1839150
Sample Date	04/08/1999	09/18/1997	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999
Sample Time	12:15	10:30	11:30	11:05	11:05	11:05	11:05	11:05
Sample Depth	15.0' - 24.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
Lab. Number	3127207	A7I220134002	3126217	AEL99004916	AEL99004921	3154943	3154975	
Constituent	Units							
Carbazole	µg/L		<10 U					
Chloroaniline,4-	µg/l		<20 U	<10 U				
Chlorophenyl Phenyl Ether,4-	µg/l		<10 U	<10 U				
Chrysene	µg/l		<10 U	<10 U				
Cresol,2-	µg/l		<10 U	<10 U				
Cresol,3-	µg/L		<10 U					
Cresol,4-	µg/l		<10 U	<10 U				
Cresol,4-Chloro-m-	µg/l		<20 U	<10 U				
Di-n-butyl Phthalate	µg/l		<10 U	<10 U				
Di-n-octyl Phthalate	µg/l		<10 U	<10 U				
Dibenz[a,h]anthracene	µg/l		<10 U	<10 U				
Dibenzofuran	µg/l		<10 U	<10 U				
Dichloro-2-butylene,1,4-trans-	µg/l	<50 U	<5.0 U	<50 U				
Diethyl Phthalate	µg/l		<10 U	<10 U				
Dimethyl Phthalate	µg/l		<10 U	<10 U				
Dimethylamine,n-nitroso-	µg/l		<10 U	<10 U				
Dimethylphenethylamine,alpha,alpha-	µg/L		<20 U					
Dinitro-o-cresol,4,6-	µg/l		<50 U	<24 U				
Dinitrotoluene,2,4-	µg/l		<10 U	<10 U				
Dinitrotoluene,2,6-	µg/l		<10 U	<10 U				
Diphenylamine	µg/L		<10 U					
Diphenylamine,n-nitroso-	µg/l		<10 U	<10 U				
Ethylamine,n-nitroso-	µg/l		<10 U	<10 U				
Ethylmethanesulfonate	µg/l		<10 U	<10 U				
Fluoranthene	µg/l		<10 U	<10 U				
Fluorene	µg/l		<10 U	<10 U				
Hexachlorobutadiene	µg/l		<10 U	<10 U				
Hexachloroethane	µg/l		<3.0 U	<10 U				

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-15S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S
Sample ID	1837039	1642976	1837028	1839150	1839150	1839150	1839150	1839150
Sample Date	04/08/1999	09/18/1997	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999
Sample Time	12:15	10:30	11:30	11:05	11:05	11:05	11:05	11:05
Sample Depth	15.0' - 24.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
Lab. Number	3127207	A7I220134002	3126217	AEL99004916	AEL99004921	3154943	3154975	
Constituent	Units							
Hexachloropropylene	µg/l		<10 U	<10 UJ				
Indeno(1,2,3-cd)pyrene	µg/l		<10 U	<10 U				
Isophorone	µg/l		<10 U	<10 U				
Isosafrole	µg/l		<10 U	<10 U				
Methapyrilene	µg/l		<50 U	<10 U				
Methyl Methanesulfonate	µg/l		<10 U	<10 U				
Methylcholanthrene,3-	µg/l		<10 U	<10 U				
Methylethylamine,n-nitroso-	µg/l		<10 U	<10 U				
Morpholine,n-nitroso-	µg/l		<10 U	<10 U				
Naphthalene	µg/l		<10 U	<10 U				
Naphthalene,2-chloro-	µg/l		<10 U	<10 U				
Naphthalene,2-methyl-	µg/l		<10 U	<10 U				
Naphthoquinone,1,4-	µg/l		<50 U	<95 UR				
Naphthylamine,alpha-	µg/l		<10 U	<10 U				
Naphthylamine,beta-	µg/l		<10 U	<10 U				
Nitro-o-toluidine,5-	µg/l		<10 U	<10 U				
Nitroaniline,2-	µg/l		<50 U	<10 U				
Nitroaniline,3-	µg/l		<50 U	<10 U				
Nitroaniline,4-	µg/l		<50 U	<10 U				
Nitroquinoline-1-oxide,4-	µg/l		<50 U	<95 UR				
Phenanthrene	µg/l		<0.80 U	<10 U				
Phenol	µg/l		<10 U	<10 U				
Phenol,2,3,4,6-tetrachloro-	µg/l		<10 U	<10 U				
Phenol,2,4,5-trichloro-	µg/l		<10 U	<10 U				
Phenol,2,4,6-trichloro-	µg/l		<10 U	<10 U				
Phenol,2,4-dichloro-	µg/l		<10 U	<10 U				
Phenol,2,4-dinitro-	µg/l		<50 U	<48 UJ				
Phenol,2,6-dichloro-	µg/l			<10 U				

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-15S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S
	Sample ID	1837039	1642976	1837028	1839150	1839150	1839150	1839150
	Sample Date	04/08/1999	09/18/1997	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999
	Sample Time	12:15	10:30	11:30	11:05	11:05	11:05	11:05
	Sample Depth	15.0' - 24.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3127207	A7I220134002	3126217	AEL99004916	AEL99004921	3154943	3154975
Constituent	Units							
Phenol,2-chloro-	µg/l		<10 U	<10 U				
Phenol,2-nitro-	µg/l		<10 U	<10 U				
Phenol,4-nitro-	µg/l		<50 U	<48 U				
Phenol,pentachloro-	µg/l		<2.0 U	<24 U				
Phenylenediamine,1,4-	µg/l		<50 UJ	<190 UR				
Picoline,2-	µg/l		<10 U	<10 U				
Piperidine,n-nitroso-	µg/l		<10 U	<10 U				
Pronamide	µg/l		<10 U	<10 U				
Propylamine,n-nitroso-n-	µg/l		<10 U	<10 U				
Pyrene	µg/l		<10 U	<10 U				
Pyridine	µg/l		<10 U	<10 U				
Pyrrolidine,n-nitroso-	µg/l		<10 U	<10 U				
Safrole	µg/l		<10 U	<10 U				
Toluidine,o-	µg/l		<10 U	<10 U				
Triethyl Phosphorothioate,o,o,o-	µg/l		<10 U	<10 U				
Xylenol,2,4-	µg/l		<10 U	<10 U				
Acetone	µg/l	<20 UR	<100 UR	<20 U				
Acetonitrile	µg/l	<100 UR		<100 UR				
Acrolein	µg/l	<100 UR	<20 UR	<100 UR				
Acrylonitrile	µg/l	<50 U	<20 UR	<50 U				
Allyl Chloride	µg/l	<5 U	<100 U	<5 U				
Benzene	µg/l	<5 U	<1.0 U	<5 U				
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l		<10 U	<10 U				
Benzene,1,2-dichloro-	µg/l		<10 U	<10 U				
Benzene,1,3-dichloro-	µg/l		<10 U	<10 U				
Benzene,1,4-dichloro-	µg/l		<10 U	<10 U				
Benzene,chloro-	µg/l	<5 U	<5.0 U	<5 U				

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-15S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S
Sample ID	1837039	1642976	1837028	1839150	1839150	1839150	1839150	1839150
Sample Date	04/08/1999	09/18/1997	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999
Sample Time	12:15	10:30	11:30	11:05	11:05	11:05	11:05	11:05
Sample Depth	15.0' - 24.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC	LANC
Lab. Number	3127207	A7I220134002	3126217	AEL99004916	AEL99004921	3154943	3154975	
Constituent	Units							
Benzene,ethyl	µg/l	<5 U	<5.0 U	<5 U				
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l		<10 U	<10 U				
Benzene,pentachloronitro-	µg/l		<10 U	<10 U				
Bromoform	µg/l	<5 U	<4.0 U	<5 U				
Carbon Disulfide	µg/l	<5 U	<5.0 U	<5 U				
Carbon Tetrachloride	µg/l	<5 U	<5.0 U	<5 U				
Chloroethane	µg/l	<5 U	<10 U	<5 U				
Chloroform	µg/l	<5 U	<5.0 U	<5 U				
Chloroprene,beta-	µg/l	<5 U	<1.0 U	<5 UJ				
Dibromochloromethane	µg/l	<5 U	<0.50 U	<5 U				
Dibromoethane,1,2-	µg/l	<5 U	<0.50 U	<5 U				
Dibromomethane	µg/l	<5 U	<5.0 U	<5 U				
Dichlorobromomethane	µg/l	<5 U	<5.0 U	<5 U				
Dichlorodifluoromethane	µg/l	<5 U	<5.0 U	<5 U				
Dichloroethane,1,1-	µg/l	<5 U	<5.0 U	<5 U				
Dichloroethane,1,2-	µg/l	<5 U	<1.0 U	<5 U				
Dichloroethylene,1,1-	µg/l	<5 U	<1.0 U	<5 U				
Dichloroethylene,1,2-cis-	µg/l	<5 U	<5.0 U	<5 U				
Dichloroethylene,1,2-trans-	µg/l	<5 U	<5.0 U	<5 U				
Dichloropropane,1,2-	µg/l	<5 U	<5.0 U	<5 U				
Dichloropropylene,1,3-, NOS	µg/l		<5.0 U					
Dichloropropylene,1,3-cis-	µg/l	<5 U	<1.0 U	<5 U				
Dichloropropylene,1,3-trans-	µg/l	<5 U	<1.0 U	<5 U				
Dioxane,1,4-	µg/l	<250 UR	<150 UR	<250 UR				
Ethylmethacrylate	µg/l	<5 U	<5.0 U	<5 U				
Hexanone,2-	µg/l	<10 U	<100 U	<10 U				
Iodomethane	µg/l	<5 U	<5.0 U	<5 U				

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-15S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S	RH-MW-16S
	Sample ID	1837039	1642976	1837028	1839150	1839150	1839150	1839150
	Sample Date	04/08/1999	09/18/1997	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999
	Sample Time	12:15	10:30	11:30	11:05	11:05	11:05	11:05
	Sample Depth	15.0' - 24.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'
	Laboratory	LANC	QUAN	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3127207	A7I220134002	3126217	AEL99004916	AEL99004921	3154943	3154975
Constituent	Units							
Isobutyl Alcohol	µg/l	<250 UR	<50 UR	<250 UR				
Methacrylonitrile	µg/l	<50 U	<5.0 U	<50 U				
Methyl Bromide	µg/l	<5 U	<10 U	<5 U				
Methyl Chloride	µg/l	<5 U	<10 U	<5 UJ				
Methyl Ethyl Ketone	µg/l	<10 UR	<100 U	<10 UR				
Methyl Methacrylate	µg/l	<5 U	<5.0 U	<5 U				
Methyl-2-pentanone,4-	µg/l	<10 U	<100 U	<10 U				
Methyl-tert-butyl Ether	µg/l	<5 U	<5.0 U	<5 U				
Methylene Chloride	µg/l	<5 U	<5.0 U	<5 U				
Pentachloroethane	µg/L		<10 U					
Propionitrile	µg/l	<100 UR	<5.0 UR	<100 UR				
Styrene	µg/l	<5 U	<5.0 U	<5 U				
Tetrachloroethane,1,1,1,2-	µg/l	<5 U	<1.0 U	<5 U				
Tetrachloroethane,1,1,2,2-	µg/l	<5 U	<1.0 U	<5 U				
Tetrachloroethylene	µg/l	<5 U	<5.0 U	<5 U				
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l	<5 U	<5.0 U	<5 U				
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l	<5 U	<5.0 U	<5 U				
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l	<5 U	<5.0 U	<5 U				
Trichloroethylene	µg/l	<5 U	<5.0 U	<5 U				
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l	<5 U	<5.0 U	<5 U				
Trichloropropane,1,2,3-	µg/l	<5 U	<5.0 U	<5 U				
Vinyl Acetate	µg/l	<10 U	<5.0 U	<10 U				
Vinyl Chloride	µg/l	<5 U	<2.0 U	<5 U				
Xylene,o- (screening)	µg/L							

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17S	RH-MW-17S
Sample ID	1837052	1839146	1839146	1839146	1839146	1642988	1837044	
Sample Date	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/19/1997	04/08/1999	
Sample Time	14:50	15:45	15:45	15:45	15:45	09:15	14:50	
Sample Depth	0.0'	0.0'	0.0'	0.0'	0.0'	6.0' - 15.0'	6.0' - 15.0'	
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC	
Lab. Number	3128129	AEL99004847	AEL99004856	3154069	3154078	A7I230103002	3127197	
Constituent	Units							
Depth of Well	FT		133.65	133.65	133.65	18.87		
Depth to Water	FT		22.10	22.10	22.10	13.42		
Specific Conductivity (field)	µmhos	420	523	523	523	452	480	
Water Elevation	FT		-22.10	-22.10	-22.10	15.32		
pH (field)	SU	8.29	7.04	7.04	7.04	5.72	3.73	
Date Metals Analyzed	-	04/22/1999	05/17/1999	05/20/1999	05/20/1999	05/23/1999	09/25/1997	04/14/1999
Date Organics Analyzed	-	04/23/1999					10/03/1997	04/13/1999
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-				05/20/1999		09/29/1997	04/16/1999
Date Semi-volatile Organics Analyzed	-	04/14/1999					10/10/1997	04/12/1999
Diallate	µg/l	<10 U					<10 U	
Dinoseb	µg/L						<10 U	
Arsenic	mg/L	<0.000010 U				<0.0100 U	<0.0100 U	<0.010 U
Arsenic (Unfiltered)	mg/L				<0.0100 U			
Barium	mg/L	0.181				0.171	<0.2 U	0.0180 J
Barium (Unfiltered)	mg/L				0.209			
Beryllium	mg/L					0.0019 B		
Beryllium (Unfiltered)	mg/L				<0.0100 U			
Cadmium	mg/L	<0.000001 U				<0.00050 U	<0.0050 U	<0.0015 U
Cadmium (Unfiltered)	mg/L				<0.00050 U			
Chromium	mg/L	<0.000030 U		<0.010			<0.0100 U	0.0089 J
Chromium (Unfiltered)	mg/L		<0.010					
Chromium(VI)	mg/L		<0.010					
Cobalt	mg/L							
Copper	mg/L					<0.0250 U		
Copper (Unfiltered)	mg/L				<0.0250 U			
Lead	mg/L	<0.000003 U				<0.0030 U	<0.0030 U	0.0030 J
Lead (Unfiltered)	mg/L				<0.0030 U			

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17S	RH-MW-17S
Sample ID	1837052	1839146	1839146	1839146	1839146	1642988	1837044	
Sample Date	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/19/1997	04/08/1999	
Sample Time	14:50	15:45	15:45	15:45	15:45	09:15	14:50	
Sample Depth	0.0'	0.0'	0.0'	0.0'	0.0'	6.0' - 15.0'	6.0' - 15.0'	
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC	
Lab. Number	3128129	AEL99004847	AEL99004856	3154069	3154078	A7I230103002	3127197	
Constituent	Units							
Mercury	mg/L	0.000068 B			<0.00020 U	<0.00020 U	<0.00020 U	
Mercury (Unfiltered)	mg/L				0.000046 B			
Nickel	mg/L	<0.000050 U			<0.0500 U	<0.0400 U	0.0059 J	
Nickel (Unfiltered)	mg/L				<0.0500 U			
Selenium	mg/L	<0.000005 U			<0.0050 UN	<0.0050 U	<0.0050 U	
Selenium (Unfiltered)	mg/L				<0.0050 U			
Silver	mg/L	<0.000020 U			<0.0200 U	<0.0100 U	<0.020 U	
Silver (Unfiltered)	mg/L				<0.0200 U			
Sodium	mg/L						37.2	
Titanium	mg/L						<0.0500 U	
Zinc	mg/L	0.0695			0.0084 B	<0.0200 U	2.29	
Zinc (Unfiltered)	mg/L				0.0035 B			
Acetylaminofluorene,2-	µg/l	<10 U				<10 U	<10 U	
Aramite	µg/L					<10 U		
Benzene,hexachloro-	µg/l	<10 U				<0.80 U	<10 U	
Chlorobenzilate	µg/l	<19 U					<19 U	
Dibromo-3-chloropropane,1,2-	µg/l	<5 U				<120000 U	<5 U	
Dimethoate	µg/l	<19 U				<10 U	<19 U	
Disulfoton	µg/L					<10 U		
Famphur	µg/L					<20 UR		
Hexachlorocyclopentadiene	µg/l	<24 U				<10 U	<24 U	
Isodrin	µg/l	<24 U					<24 U	
Phorate	µg/L					<10 U		
Tetraethyl Dithiopyrophosphate	µg/l	<10 U					<10 U	
Thionazin	µg/l	<10 U					<10 U	
Chloride	mg/L						22.5	
Cyanide (Unfiltered)	mg/l				<0.0050 U			
Total Petroleum Hydrocarbons	mg/l						<1.0 U	<0.50 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17S	RH-MW-17S
Sample ID	1837052	1839146	1839146	1839146	1839146	1642988	1837044	
Sample Date	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/19/1997		04/08/1999
Sample Time	14:50	15:45	15:45	15:45	15:45	09:15		14:50
Sample Depth	0.0'	0.0'	0.0'	0.0'	0.0'	6.0' - 15.0'		6.0' - 15.0'
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN		LANC
Lab. Number	3128129	AEL99004847	AEL99004856	3154069	3154078	A7I230103002		3127197
Constituent	Units							
Acenaphthene	µg/l	<10 U				<10 U		<10 U
Acenaphthylene	µg/l	<10 U				<0.80 U		<10 U
Acetophenetidide,p-	µg/l	<10 U				<10 U		<10 U
Acetophenone	µg/l	<10 U				<10 U		<10 U
Aminobiphenyl,4-	µg/l	<10 U				<10 U		<10 U
Aniline	µg/l	<10 U				<10 U		<10 U
Anthracene	µg/l	<10 U				<10 U		<10 U
Azobenzene,4-dimethylamino-	µg/l	<10 U				<10 U		<10 U
Benz[a]anthracene	µg/l	<10 U				<0.80 U		<10 U
Benz[a]anthracene,7,12-dimethyl-	µg/l	<10 U				<10 U		<10 U
Benz[e]acephenanthrylene	µg/l	<10 U				<0.80 U		<10 U
Benzene,1,2,4,5-tetrachloro-	µg/l	<10 U				<10 U		<10 U
Benzene,1,3,5-trinitro-	µg/l	<19 U				<10 U		<19 U
Benzene,1,3-dinitro-	µg/l	<10 U				<10 U		<10 U
Benzene,nitro-	µg/l	<10 U				<10 U		<10 U
Benzidine,3,3'-dichloro-	µg/l	<10 U				<20 U		<10 U
Benzidine,3,3'-dimethyl-	µg/l	<24 U				<10 U		<24 U
Benzo[a]pyrene	µg/l	<10 U				<0.70 U		<10 U
Benzo[ghi]perylene	µg/l	<10 U				<10 UJ		<10 U
Benzo[k]fluoranthene	µg/l	<10 U				<0.80 U		<10 U
Benzyl Alcohol	µg/l	<19 U				<20 U		<19 U
Benzyl Butyl Phthalate	µg/l	<10 U				<10 U		<10 U
Bis(2-chloroethoxy)methane	µg/l	<10 U				<10 U		<10 U
Bis(2-chloroethyl)ether	µg/l	<10 U				<10 U		<10 U
Bis(2-chloroisopropyl)ether	µg/l	<10 U				<10 U		<10 U
Bis(2-ethylhexyl)phthalate	µg/l	4 J				<7.0 U		<10 U
Bromophenyl Phenyl Ether,4-	µg/l	<10 U				<10 U		<10 U
Butylamine,n-nitroso-di-n-	µg/l	<10 U				<10 U		<10 U

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17S	RH-MW-17S
	Sample ID	1837052	1839146	1839146	1839146	1839146	1642988	1837044
	Sample Date	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/19/1997	04/08/1999
	Sample Time	14:50	15:45	15:45	15:45	15:45	09:15	14:50
	Sample Depth	0.0'	0.0'	0.0'	0.0'	0.0'	6.0' - 15.0'	6.0' - 15.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC
	Lab. Number	3128129	AEL99004847	AEL99004856	3154069	3154078	A71230103002	3127197
Constituent	Units							
Carbazole	µg/L						<10 U	
Chloroaniline,4-	µg/l	<10 U					<20 U	<10 U
Chlorophenyl Phenyl Ether,4-	µg/l	<10 U					<10 U	<10 U
Chrysene	µg/l	<10 U					<10 U	<10 U
Cresol,2-	µg/l	<10 U					<10 U	<10 U
Cresol,3-	µg/L						<10 U	
Cresol,4-	µg/l	<10 U					<10 U	<10 U
Cresol,4-Chloro-m-	µg/l	<10 U					<20 U	<10 U
Di-n-butyl Phthalate	µg/l	<10 U					<10 U	<10 U
Di-n-octyl Phthalate	µg/l	<10 U					<10 U	<10 U
Dibenz[a,h]anthracene	µg/l	<10 U					<10 UJ	<10 U
Dibenzofuran	µg/l	<10 U					<10 U	<10 U
Dichloro-2-butylene,1,4-trans-	µg/l	<50 U					<120000 U	<50 U
Diethyl Phthalate	µg/l	<10 U					<10 U	<10 U
Dimethyl Phthalate	µg/l	<10 U					<10 U	<10 U
Dimethylamine,n-nitroso-	µg/l	<10 U					<10 U	<10 U
Dimethylphenethylamine,alpha,alpha-	µg/L						<20 U	
Dinitro-o-cresol,4,6-	µg/l	<24 U					<50 U	<24 U
Dinitrotoluene,2,4-	µg/l	<10 U					<10 U	<10 U
Dinitrotoluene,2,6-	µg/l	<10 U					<10 U	<10 U
Diphenylamine	µg/L						<10 U	
Diphenylamine,n-nitroso-	µg/l	<10 U					<10 U	<10 U
Ethylamine,n-nitroso-	µg/l	<10 U					<10 U	<10 U
Ethylmethanesulfonate	µg/l	<10 U					<10 U	<10 U
Fluoranthene	µg/l	<10 U					<10 U	<10 U
Fluorene	µg/l	<10 U					<10 U	<10 U
Hexachlorobutadiene	µg/l	<10 U					<10 U	<10 U
Hexachloroethane	µg/l	<10 U					<3.0 U	<10 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17S	RH-MW-17S
	Sample ID	1837052	1839146	1839146	1839146	1839146	1642988	1837044
	Sample Date	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/19/1997	04/08/1999
	Sample Time	14:50	15:45	15:45	15:45	15:45	09:15	14:50
	Sample Depth	0.0'	0.0'	0.0'	0.0'	0.0'	6.0' - 15.0'	6.0' - 15.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC
	Lab. Number	3128129	AEL99004847	AEL99004856	3154069	3154078	A71230103002	3127197
Constituent	Units							
Hexachloropropylene	µg/l	<10 U					<10 U	<10 UJ
Indeno(1,2,3-cd)pyrene	µg/l	<10 U					<10 UJ	<10 U
Isophorone	µg/l	<10 U					<10 U	<10 U
Isosafrole	µg/l	<10 U					<10 U	<10 U
Methapyrilene	µg/l	<10 U					<50 U	<10 U
Methyl Methanesulfonate	µg/l	<10 U					<10 U	<10 U
Methylcholanthrene,3-	µg/l	<10 U					<10 U	<10 U
Methylethylamine,n-nitroso-	µg/l	<10 U					<10 U	<10 U
Morpholine,n-nitroso-	µg/l	<10 U					<10 U	<10 U
Naphthalene	µg/l	<10 U					<10 U	<10 U
Naphthalene,2-chloro-	µg/l	<10 U					<10 U	<10 U
Naphthalene,2-methyl-	µg/l	<10 U					<10 U	<10 U
Naphthoquinone,1,4-	µg/l	<95 U					<50 U	<95 UR
Naphthylamine,alpha-	µg/l	<10 U					<10 U	<10 U
Naphthylamine,beta-	µg/l	<10 U					<10 U	<10 U
Nitro-o-toluidine,5-	µg/l	<10 U					<10 U	<10 U
Nitroaniline,2-	µg/l	<10 U					<50 U	<10 U
Nitroaniline,3-	µg/l	<10 U					<50 U	<10 U
Nitroaniline,4-	µg/l	<10 U					<50 U	<10 U
Nitroquinoline-1-oxide,4-	µg/l	<95 U					<50 UJ	<95 UR
Phenanthrene	µg/l	<10 U					<0.80 U	<10 U
Phenol	µg/l	<10 U					<10 U	<10 U
Phenol,2,3,4,6-tetrachloro-	µg/l	<10 U					<10 U	<10 U
Phenol,2,4,5-trichloro-	µg/l	<10 U					<10 U	<10 U
Phenol,2,4,6-trichloro-	µg/l	<10 U					<10 U	<10 U
Phenol,2,4-dichloro-	µg/l	<10 U					<10 U	<10 U
Phenol,2,4-dinitro-	µg/l	<48 U					<50 UJ	<48 UJ
Phenol,2,6-dichloro-	µg/l	<10 U					<10 U	

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17S	RH-MW-17S
Sample ID	1837052	1839146	1839146	1839146	1839146	1642988	1837044	
Sample Date	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/19/1997		04/08/1999
Sample Time	14:50	15:45	15:45	15:45	15:45	09:15		14:50
Sample Depth	0.0'	0.0'	0.0'	0.0'	0.0'	6.0' - 15.0'		6.0' - 15.0'
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN		LANC
Lab. Number	3128129	AEL99004847	AEL99004856	3154069	3154078	A7I230103002		3127197
Constituent	Units							
Phenol,2-chloro-	µg/l	<10 U				<10 U		<10 U
Phenol,2-nitro-	µg/l	<10 U				<10 U		<10 U
Phenol,4-nitro-	µg/l	<48 U				<50 U		<48 U
Phenol,pentachloro-	µg/l	<24 U				<2.0 U		<24 U
Phenylenediamine,1,4-	µg/l	<190 U				<50 U		<190 UR
Picoline,2-	µg/l	<10 U				<10 U		<10 U
Piperidine,n-nitroso-	µg/l	<10 U				<10 U		<10 U
Pronamide	µg/l	<10 U				<10 U		<10 U
Propylamine,n-nitroso-n-	µg/l	<10 U				<10 U		<10 U
Pyrene	µg/l	<10 U				<10 U		<10 U
Pyridine	µg/l	<10 U				<10 U		<10 U
Pyrrolidine,n-nitroso-	µg/l	<10 U				<10 U		<10 U
Safrole	µg/l	<10 U				<10 U		<10 U
Toluidine,o-	µg/l	<10 U				<10 U		<10 U
Triethyl Phosphorothioate,o,o,o-	µg/l	<10 U				<10 U		<10 U
Xylenol,2,4-	µg/l	<10 U				<10 U		<10 U
Acetone	µg/l	<20 U				<2500000 UR		<20 UR
Acetonitrile	µg/l	<100 U						<100 UR
Acrolein	µg/l	<100 U				<500000 UR		<100 UR
Acrylonitrile	µg/l	<50 U				<500000 UR		<50 U
Allyl Chloride	µg/l	<5 U				<2500000 U		<5 U
Benzene	µg/l	<5 U				<25000 U		<5 U
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l	<10 U				<10 U		<10 U
Benzene,1,2-dichloro-	µg/l	<10 U				<10 U		<10 U
Benzene,1,3-dichloro-	µg/l	<10 U				<10 U		<10 U
Benzene,1,4-dichloro-	µg/l	<10 U				<10 U		<10 U
Benzene,chloro-	µg/l	<5 U				<120000 U		<5 U

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17S	RH-MW-17S
Sample ID	1837052	1839146	1839146	1839146	1839146	1642988	1837044	
Sample Date	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/19/1997		04/08/1999
Sample Time	14:50	15:45	15:45	15:45	15:45	09:15		14:50
Sample Depth	0.0'	0.0'	0.0'	0.0'	0.0'	6.0' - 15.0'		6.0' - 15.0'
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN		LANC
Lab. Number	3128129	AEL99004847	AEL99004856	3154069	3154078	A71230103002		3127197
Constituent	Units							
Benzene,ethyl	µg/l	<5 U				<120000 U		<5 U
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l	<10 U				<10 U		<10 U
Benzene,pentachloronitro-	µg/l	<10 U				<10 U		<10 U
Bromoform	µg/l	<5 U				<100000 U		<5 U
Carbon Disulfide	µg/l	<5 U				560000 J		88000
Carbon Tetrachloride	µg/l	<5 U				<120000 U		<5 U
Chloroethane	µg/l	<5 U				<250000 U		<5 U
Chloroform	µg/l	<5 U				<120000 U		<5 U
Chloroprene,beta-	µg/l	<5 U				<25000 U		<5 UJ
Dibromochloromethane	µg/l	<5 U				<12000 U		<5 U
Dibromoethane,1,2-	µg/l	<5 U				<12000 U		<5 U
Dibromomethane	µg/l	<5 U				<120000 U		<5 U
Dichlorobromomethane	µg/l	<5 U				<120000 U		<5 U
Dichlorodifluoromethane	µg/l	<5 U				<120000 U		<5 U
Dichloroethane,1,1-	µg/l	<5 U				<120000 U		<5 U
Dichloroethane,1,2-	µg/l	<5 U				<25000 U		<5 U
Dichloroethylene,1,1-	µg/l	<5 U				<25000 U		<5 U
Dichloroethylene,1,2-cis-	µg/l	<5 U				<120000 U		<5 U
Dichloroethylene,1,2-trans-	µg/l	<5 U				<120000 U		<5 U
Dichloropropane,1,2-	µg/l	<5 U				<120000 U		<5 U
Dichloropropylene,1,3-, NOS	µg/l					<120000 U		
Dichloropropylene,1,3-cis-	µg/l	<5 U				<25000 U		<5 U
Dichloropropylene,1,3-trans-	µg/l	<5 U				<25000 U		<5 U
Dioxane,1,4-	µg/l	<250 U				<3800000 UR		<250 UR
Ethylmethacrylate	µg/l	<5 U				<120000 U		<5 U
Hexanone,2-	µg/l	<10 U				<2500000 U		<10 U
Iodomethane	µg/l	<5 U				<120000 U		<5 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17D	RH-MW-17S	RH-MW-17S
	Sample ID	1837052	1839146	1839146	1839146	1839146	1642988	1837044
	Sample Date	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/19/1997	04/08/1999
	Sample Time	14:50	15:45	15:45	15:45	15:45	09:15	14:50
	Sample Depth	0.0'	0.0'	0.0'	0.0'	0.0'	6.0' - 15.0'	6.0' - 15.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC
	Lab. Number	3128129	AEL99004847	AEL99004856	3154069	3154078	A7I230103002	3127197
Constituent	Units							
Isobutyl Alcohol	µg/l	<250 U					<1200000 UR	<250 UR
Methacrylonitrile	µg/l	<50 U					<120000 U	<50 U
Methyl Bromide	µg/l	<5 U					<250000 U	<5 U
Methyl Chloride	µg/l	<5 U					<250000 U	<5 UJ
Methyl Ethyl Ketone	µg/l	<10 U					<2500000 UR	<10 UR
Methyl Methacrylate	µg/l	<5 U					<120000 U	<5 U
Methyl-2-pentanone,4-	µg/l	<10 U					<2500000 U	<10 U
Methyl-tert-butyl Ether	µg/l	<5 U					<120000 U	<5 U
Methylene Chloride	µg/l	<5 U					<120000 U	<5 U
Pentachloroethane	µg/L						<10 U	
Propionitrile	µg/l	<100 U					<120000 UR	<100 UR
Styrene	µg/l	<5 U					<120000 U	<5 U
Tetrachloroethane,1,1,1,2-	µg/l	<5 U					<25000 U	<5 U
Tetrachloroethane,1,1,2,2-	µg/l	<5 U					<25000 U	<5 U
Tetrachloroethylene	µg/l	<5 U					<120000 U	<5 U
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l	<5 U					<120000 U	<5 U
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l	<5 U					<120000 U	<5 U
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l	<5 U					<120000 U	<5 U
Trichloroethylene	µg/l	1 J					<120000 U	<5 U
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l	<5 U					<120000 U	<5 U
Trichloropropane,1,2,3-	µg/l	<5 U					<120000 U	<5 U
Vinyl Acetate	µg/l	<10 U					<120000 U	<10 U
Vinyl Chloride	µg/l	<5 U					<50000 U	<5 U
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-18S	RH-MW-1S
	Sample ID	1837045	1839147	1839147	1839147	1839147	1642732	1642987a
	Sample Date	04/08/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	10/09/1997	09/19/1997
	Sample Time	14:50	15:30	15:30	15:30	15:30	15:00	08:35
	Sample Depth	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	21.0' - 30.0'	18.0' - 27.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	QUAN
	Lab. Number	3127202	AEL99004848	AEL99004857	3154070	3154079	A7J110124001	A7I230103001
Constituent	Units							
Depth of Well	FT		14.51	14.51	14.51	14.51	29.50	26.65
Depth to Water	FT		9.61	9.61	9.61	9.61	24.40	23.97
Specific Conductivity (field)	µmhos	480	548	548	548	548	163	278
Water Elevation	FT		19.13	19.13	19.13	19.13	4.17	4.36
pH (field)	SU	3.73	4.41	4.41	4.41	4.41	6.70	6.72
Date Metals Analyzed	-	04/14/1999	05/17/1999	05/20/1999	05/20/1999	05/23/1999	10/26/1997	09/25/1997
Date Organics Analyzed	-	04/13/1999					10/21/1997	09/30/1997
Date Pesticides/Herbicides Analyzed	-						10/24/1997	
Date Physical Analyzed	-	04/16/1999			05/20/1999		10/16/1997	
Date Semi-volatile Organics Analyzed	-	04/13/1999					10/24/1997	
Diallate	µg/l	<10 U						
Dinoseb	µg/L						<10 U	
Arsenic	mg/L	<0.010 U				0.0012 B	<0.0100 U	<0.0100 U
Arsenic (Unfiltered)	mg/L				<0.0100 U			
Barium	mg/L	0.0177 J				0.0150 B	<0.2 U	<0.2 U
Barium (Unfiltered)	mg/L				0.0180 B			
Beryllium	mg/L					0.0022 B		
Beryllium (Unfiltered)	mg/L				<0.0100 U			
Cadmium	mg/L	<0.0015 U				0.00034 B	<0.0050 U	<0.0050 U
Cadmium (Unfiltered)	mg/L				<0.00050 U			
Chromium	mg/L	0.0123 J		0.036			<0.0100 U	<0.0100 U
Chromium (Unfiltered)	mg/L		0.037					
Chromium(VI)	mg/L		<0.010					
Cobalt	mg/L							
Copper	mg/L					<0.0250 U		
Copper (Unfiltered)	mg/L				<0.0250 U			
Lead	mg/L	0.0030 J				0.0020 B	<0.0030 U	<0.0030 U
Lead (Unfiltered)	mg/L				<0.0030 U			

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-18S	RH-MW-1S
	Sample ID	1837045	1839147	1839147	1839147	1839147	1642732	1642987a
	Sample Date	04/08/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	10/09/1997	09/19/1997
	Sample Time	14:50	15:30	15:30	15:30	15:30	15:00	08:35
	Sample Depth	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	21.0' - 30.0'	18.0' - 27.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	QUAN
	Lab. Number	3127202	AEL99004848	AEL99004857	3154070	3154079	A7JI10124001	A7I230103001
Constituent	Units							
Mercury	mg/L	<0.00020 U				<0.00020 U	<0.00020 U	<0.00020 U
Mercury (Unfiltered)	mg/L				<0.00020 U			
Nickel	mg/L	0.0057 J				0.0066 B	<0.0400 U	<0.0400 U
Nickel (Unfiltered)	mg/L				0.0066 B			
Selenium	mg/L	<0.0050 U				<0.0050 UN	<0.0050 U	<0.0050 U
Selenium (Unfiltered)	mg/L				<0.0050 U			
Silver	mg/L	<0.020 U				<0.0200 U	<0.0100 U	<0.0100 U
Silver (Unfiltered)	mg/L				<0.0200 U			
Sodium	mg/L							
Titanium	mg/L						<0.0500 U	<0.0500 U
Zinc	mg/L	2.18				0.414 E	0.0744	<0.0200 U
Zinc (Unfiltered)	mg/L				0.413			
Acetylaminofluorene,2-	µg/l	<10 U					<10 U	
Aramite	µg/L						<10 U	
Benzene,hexachloro-	µg/l	<10 U					<0.80 U	
Chlorobenzilate	µg/l	<19 U						
Dibromo-3-chloropropane,1,2-	µg/l	<5 U					<5.0 U	<5.0 U
Dimethoate	µg/l	<19 U					<10 U	
Disulfoton	µg/L						<10 U	
Famphur	µg/L						<20 UJ	
Hexachlorocyclopentadiene	µg/l	<24 U					<10 U	
Isodrin	µg/l	<24 U						
Phorate	µg/L						<10 U	
Tetraethyl Dithiopyrophosphate	µg/l	<10 U						
Thionazin	µg/l	<10 U						
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l				<0.0050 U			
Total Petroleum Hydrocarbons	mg/l	<0.50 U					<1.0 U	

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-18S	RH-MW-1S
	Sample ID	1837045	1839147	1839147	1839147	1839147	1642732	1642987a
	Sample Date	04/08/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	10/09/1997	09/19/1997
	Sample Time	14:50	15:30	15:30	15:30	15:30	15:00	08:35
	Sample Depth	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	21.0' - 30.0'	18.0' - 27.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	QUAN
	Lab. Number	3127202	AEL99004848	AEL99004857	3154070	3154079	A7J110124001	A7I230103001
Constituent	Units							
Acenaphthene	µg/l	<10 U					<10 U	
Acenaphthylene	µg/l	<10 U					<0.80 U	
Acetophenetide,p-	µg/l	<10 U					<10 U	
Acetophenone	µg/l	<10 U					<10 U	
Aminobiphenyl,4-	µg/l	<10 U					<10 U	
Aniline	µg/l	<10 U					<10 U	
Anthracene	µg/l	<10 U					<10 U	
Azobenzene,4-dimethylamino-	µg/l	<10 U					<10 U	
Benz[a]anthracene	µg/l	<10 U					<0.80 U	
Benz[a]anthracene,7,12-dimethyl-	µg/l	<10 U					<10 U	
Benz[e]acephenanthrylene	µg/l	<10 U					<0.80 U	
Benzene,1,2,4,5-tetrachloro-	µg/l	<10 U					<10 U	
Benzene,1,3,5-trinitro-	µg/l	<19 U					<10 U	
Benzene,1,3-dinitro-	µg/l	<10 U					<10 U	
Benzene,nitro-	µg/l	<10 U					<10 U	
Benzidine,3,3'-dichloro-	µg/l	<10 U					<20 U	
Benzidine,3,3'-dimethyl-	µg/l	<24 U					<10 U	
Benzo[a]pyrene	µg/l	<10 U					<0.70 U	
Benzo[ghi]perylene	µg/l	<10 U					<10 U	
Benzo[k]fluoranthene	µg/l	<10 U					<0.80 U	
Benzyl Alcohol	µg/l	<19 U					<20 U	
Benzyl Butyl Phthalate	µg/l	<10 U					<10 U	
Bis(2-chloroethoxy)methane	µg/l	<10 U					<10 U	
Bis(2-chloroethyl)ether	µg/l	<10 U					<10 U	
Bis(2-chloroisopropyl)ether	µg/l	<10 U					<10 U	
Bis(2-ethylhexyl)phthalate	µg/l	<10 U					<7.0 U	
Bromophenyl Phenyl Ether,4-	µg/l	<10 U					<10 U	
Butylamine,n-nitroso-di-n-	µg/l	<10 U					<10 U	

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-18S	RH-MW-1S
Sample ID	1837045	1839147	1839147	1839147	1839147	1839147	1642732	1642987a
Sample Date	04/08/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	10/09/1997	09/19/1997
Sample Time	14:50	15:30	15:30	15:30	15:30	15:30	15:00	08:35
Sample Depth	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	21.0' - 30.0'	18.0' - 27.0'	
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	QUAN	
Lab. Number	3127202	AEL99004848	AEL99004857	3154070	3154079	A7J110124001	A7I230103001	
Constituent	Units							
Carbazole	µg/L						<10 U	
Chloroaniline,4-	µg/l	<10 U					<20 U	
Chlorophenyl Phenyl Ether,4-	µg/l	<10 U					<10 U	
Chrysene	µg/l	<10 U					<10 U	
Cresol,2-	µg/l	<10 U					<10 U	
Cresol,3-	µg/L						<10 U	
Cresol,4-	µg/l	<10 U					<10 U	
Cresol,4-Chloro-m-	µg/l	<10 U					<20 U	
Di-n-butyl Phthalate	µg/l	<10 U					<10 U	
Di-n-octyl Phthalate	µg/l	<10 U					<10 U	
Dibenz[a,h]anthracene	µg/l	<10 U					<10 U	
Dibenzofuran	µg/l	<10 U					<10 U	
Dichloro-2-butylene,1,4-trans-	µg/l	<50 U					<5.0 U	<5.0 U
Diethyl Phthalate	µg/l	<10 U					<10 U	
Dimethyl Phthalate	µg/l	<10 U					<10 U	
Dimethylamine,n-nitroso-	µg/l	<10 U					<10 U	
Dimethylphenethylamine,alpha,alpha-	µg/L						<20 U	
Dinitro-o-cresol,4,6-	µg/l	<24 U					<50 U	
Dinitrotoluene,2,4-	µg/l	<10 U					<10 U	
Dinitrotoluene,2,6-	µg/l	<10 U					<10 U	
Diphenylamine	µg/L						<10 U	
Diphenylamine,n-nitroso-	µg/l	<10 U					<10 U	
Ethylamine,n-nitroso-	µg/l	<10 U					<10 U	
Ethylmethanesulfonate	µg/l	<10 U					<10 U	
Fluoranthene	µg/l	<10 U					<10 U	
Fluorene	µg/l	<10 U					<10 U	
Hexachlorobutadiene	µg/l	<10 U					<10 U	
Hexachloroethane	µg/l	<10 U					<3.0 U	

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-18S	RH-MW-18S
	Sample ID	1837045	1839147	1839147	1839147	1839147	1642732	1642987a
	Sample Date	04/08/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	10/09/1997	09/19/1997
	Sample Time	14:50	15:30	15:30	15:30	15:30	15:00	08:35
	Sample Depth	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	21.0' - 30.0'	18.0' - 27.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	QUAN
	Lab. Number	3127202	AEL99004848	AEL99004857	3154070	3154079	A7J110124001	A7I230103001
Constituent	Units							
Hexachloropropylene	µg/l	<10 UJ					<10 U	
Indeno(1,2,3-cd)pyrene	µg/l	<10 U					<10 U	
Isophorone	µg/l	<10 U					<10 U	
Isosafrole	µg/l	<10 U					<10 U	
Methaphyriene	µg/l	<10 U					<50 U	
Methyl Methanesulfonate	µg/l	<10 U					<10 U	
Methylcholanthrene,3-	µg/l	<10 U					<10 U	
Methylethylamine,n-nitroso-	µg/l	<10 U					<10 U	
Morpholine,n-nitroso-	µg/l	<10 U					<10 U	
Naphthalene	µg/l	<10 U					<10 U	
Naphthalene,2-chloro-	µg/l	<10 U					<10 U	
Naphthalene,2-methyl-	µg/l	<10 U					<10 U	
Naphthoquinone,1,4-	µg/l	<95 UR					<50 U	
Naphthylamine,alpha-	µg/l	<10 U					<10 U	
Naphthylamine,beta-	µg/l	<10 U					<10 U	
Nitro-o-toluidine,5-	µg/l	<10 U					<10 U	
Nitroaniline,2-	µg/l	<10 U					<50 U	
Nitroaniline,3-	µg/l	<10 U					<50 U	
Nitroaniline,4-	µg/l	<10 U					<50 U	
Nitroquinoline-1-oxide,4-	µg/l	<95 UR					<50 U	
Phenanthrene	µg/l	<10 U					<0.80 U	
Phenol	µg/l	<10 U					<10 U	
Phenol,2,3,4,6-tetrachloro-	µg/l	<10 U					<10 U	
Phenol,2,4,5-trichloro-	µg/l	<10 U					<10 U	
Phenol,2,4,6-trichloro-	µg/l	<10 U					<10 U	
Phenol,2,4-dichloro-	µg/l	<10 U					<10 U	
Phenol,2,4-dinitro-	µg/l	<48 UJ					<50 U	
Phenol,2,6-dichloro-	µg/l	<10 U						

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-18S	RH-MW-1S
	Sample ID	1837045	1839147	1839147	1839147	1839147	1642732	1642987a
	Sample Date	04/08/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	10/09/1997	09/19/1997
	Sample Time	14:50	15:30	15:30	15:30	15:30	15:00	08:35
	Sample Depth	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	21.0' - 30.0'	18.0' - 27.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	QUAN
	Lab. Number	3127202	AEL99004848	AEL99004857	3154070	3154079	A7J110124001	A7I230103001
Constituent	Units							
Phenol,2-chloro-	µg/l	<10 U					<10 U	
Phenol,2-nitro-	µg/l	<10 U					<10 U	
Phenol,4-nitro-	µg/l	<48 U					<50 U	
Phenol,pentachloro-	µg/l	<24 U					<2.0 U	
Phenylenediamine,1,4-	µg/l	<190 UR					<50 UJ	
Picoline,2-	µg/l	<10 U					<10 U	
Piperidine,n-nitroso-	µg/l	<10 U					<10 U	
Pronamide	µg/l	<10 U					<10 U	
Propylamine,n-nitroso-n-	µg/l	<10 U					<10 U	
Pyrene	µg/l	<10 U					<10 U	
Pyridine	µg/l	<10 U					<10 U	
Pyrrolidine,n-nitroso-	µg/l	<10 U					<10 U	
Safrole	µg/l	<10 U					<10 U	
Toluidine,o-	µg/l	<10 U					<10 U	
Triethyl Phosphorothioate,o,o,o-	µg/l	<10 U					<10 U	
Xylenol,2,4-	µg/l	<10 U					<10 U	
Acetone	µg/l	<20 UR					<100 UR	<100 UR
Acetonitrile	µg/l	<100 UR						
Acrolein	µg/l	<100 UR					<20 UR	<20 UR
Acrylonitrile	µg/l	<50 U					<20 UR	<20 UR
Allyl Chloride	µg/l	<5 UJ					<100 U	<100 U
Benzene	µg/l	<5 U					<1.0 U	<1.0 U
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l	<10 U					<10 U	
Benzene,1,2-dichloro-	µg/l	<10 U					<10 U	
Benzene,1,3-dichloro-	µg/l	<10 U					<10 U	
Benzene,1,4-dichloro-	µg/l	<10 U					<10 U	
Benzene,chloro-	µg/l	<5 U					<5.0 U	<5.0 U

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-18S	RH-MW-1S
Sample ID	1837045	1839147	1839147	1839147	1839147	1642732	1642987a	
Sample Date	04/08/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	10/09/1997	09/19/1997	
Sample Time	14:50	15:30	15:30	15:30	15:30	15:00	08:35	
Sample Depth	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	21.0' - 30.0'	18.0' - 27.0'	
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	QUAN	
Lab. Number	3127202	AEL99004848	AEL99004857	3154070	3154079	A7J110124001	A7I230103001	
Constituent	Units							
Benzene,ethyl	µg/l	<5 U				<5.0 U	<5.0 U	
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l	<10 U				<10 U		
Benzene,pentachloronitro-	µg/l	<10 U				<10 U		
Bromoform	µg/l	<5 U				<4.0 U	<4.0 U	
Carbon Disulfide	µg/l	120000				<5.0 U	5.6	
Carbon Tetrachloride	µg/l	<5 U				<5.0 U	<5.0 U	
Chloroethane	µg/l	<5 U				<10 U	<10 U	
Chloroform	µg/l	<5 U				<5.0 U	<5.0 U	
Chloroprene,beta-	µg/l	<5 U				<1.0 U	<1.0 U	
Dibromochloromethane	µg/l	<5 U				<0.50 U	<0.50 U	
Dibromoethane,1,2-	µg/l	<5 U				<0.50 U	<0.50 U	
Dibromomethane	µg/l	<5 U				<5.0 U	<5.0 U	
Dichlorobromomethane	µg/l	<5 U				<5.0 U	<5.0 U	
Dichlorodifluoromethane	µg/l	<5 U				<5.0 U	<5.0 U	
Dichloroethane,1,1-	µg/l	<5 U				<5.0 U	<5.0 U	
Dichloroethane,1,2-	µg/l	<5 U				<1.0 U	<1.0 U	
Dichloroethylene,1,1-	µg/l	<5 U				<1.0 U	<1.0 U	
Dichloroethylene,1,2-cis-	µg/l	<5 U				<5.0 U	<5.0 U	
Dichloroethylene,1,2-trans-	µg/l	<5 U				<5.0 U	<5.0 U	
Dichloropropane,1,2-	µg/l	<5 U				<5.0 U	<5.0 U	
Dichloropropylene,1,3-, NOS	µg/l					<5.0 U	<5.0 U	
Dichloropropylene,1,3-cis-	µg/l	<5 U				<1.0 U	<1.0 U	
Dichloropropylene,1,3-trans-	µg/l	<5 U				<1.0 U	<1.0 U	
Dioxane,1,4-	µg/l	<250 UR				<150 UR	<150 UR	
Ethylmethacrylate	µg/l	<5 U				<5.0 U	<5.0 U	
Hexanone,2-	µg/l	<10 U				<100 U	<100 U	
Iodomethane	µg/l	<5 U				<5.0 UJ	<5.0 U	

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-17S	RH-MW-18S	RH-MW-1S
	Sample ID	1837045	1839147	1839147	1839147	1839147	1642732	1642987a
	Sample Date	04/08/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	10/09/1997	09/19/1997
	Sample Time	14:50	15:30	15:30	15:30	15:30	15:00	08:35
	Sample Depth	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	6.0' - 15.0'	21.0' - 30.0'	18.0' - 27.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	QUAN
	Lab. Number	3127202	AEL99004848	AEL99004857	3154070	3154079	A7J110124001	A7I230103001
Constituent	Units							
Isobutyl Alcohol	µg/l	<250 UR					<50 UR	<50 UR
Methacrylonitrile	µg/l	<5 U					<5.0 U	<5.0 U
Methyl Bromide	µg/l	<5 U					<10 UJ	<10 UJ
Methyl Chloride	µg/l	<5 U					<10 UJ	<10 U
Methyl Ethyl Ketone	µg/l	<10 UR					<100 UR	<100 U
Methyl Methacrylate	µg/l	<5 U					<5.0 U	<5.0 U
Methyl-2-pentanone,4-	µg/l	<10 U					<100 U	<100 U
Methyl-tert-butyl Ether	µg/l	<5 U					<5.0 U	<5.0 U
Methylene Chloride	µg/l	<5 U					<5.0 U	<5.0 U
Pentachloroethane	µg/L						<10 U	
Propionitrile	µg/l	<100 UR					<5.0 UR	<5.0 UR
Styrene	µg/l	<5 U					<5.0 U	<5.0 U
Tetrachloroethane,1,1,1,2-	µg/l	<5 U					<1.0 U	<1.0 U
Tetrachloroethane,1,1,2,2-	µg/l	<5 U					<1.0 U	<1.0 U
Tetrachloroethylene	µg/l	<5 U					<5.0 U	<5.0 U
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l	<5 U					<5.0 U	<5.0 U
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l	<5 U					<5.0 U	<5.0 U
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l	<5 U					<5.0 U	<5.0 U
Trichloroethylene	µg/l	<5 U					<5.0 U	<5.0 U
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l	<5 UJ					<5.0 U	<5.0 U
Trichloropropane,1,2,3-	µg/l	<5 U					<5.0 U	<5.0 U
Vinyl Acetate	µg/l	<10 U					<5.0 UJ	<5.0 U
Vinyl Chloride	µg/l	<5 U					<2.0 U	<2.0 U
Xylene,o- (screening)	µg/L							

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-2S	RH-MW-2S
Sample ID	1837025	1839149	1839149	1839149	1839149	1642983	1837041	
Sample Date	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	
Sample Time	10:30	10:50	10:50	10:50	10:50	14:35	11:20	
Sample Depth	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	26.0' - 38.0'	26.0' - 38.0'	
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC	
Lab. Number	3126214	AEL99004915	AEL99004920	3154942	3154974	A7I220134009	3127201	
Constituent	Units							
Depth of Well	FT		26.14	26.14	26.14	40.17		
Depth to Water	FT		22.01	22.01	22.01	34.27		
Specific Conductivity (field)	µmhos	158.2	124.3	124.3	124.3	140.0	139	
Water Elevation	FT		6.32	6.32	6.32	3.56		
pH (field)	SU	6.92	6.72	6.72	6.72	6.27	7.08	
Date Metals Analyzed	-	04/14/1999	05/18/1999	05/20/1999	05/26/1999	05/26/1999	09/25/1997	04/14/1999
Date Organics Analyzed	-	04/13/1999					09/29/1997	04/13/1999
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-				05/26/1999			
Date Semi-volatile Organics Analyzed	-							
Diallate	µg/l							
Dinoseb	µg/L							
Arsenic	mg/L	<0.010 U			0.0018 B	<0.0100 U	<0.010 U	
Arsenic (Unfiltered)	mg/L				<0.0100 U			
Barium	mg/L	0.0691 J			0.0560 B	<0.2 U	0.0751 J	
Barium (Unfiltered)	mg/L				0.0642 B			
Beryllium	mg/L					<0.0100 U		
Beryllium (Unfiltered)	mg/L				<0.0100 U			
Cadmium	mg/L	<0.0015 U				<0.0025 U	<0.0050 U	<0.0015 U
Cadmium (Unfiltered)	mg/L				<0.0025 U			
Chromium	mg/L	<0.030 U		<0.010			<0.0100 U	<0.030 U
Chromium (Unfiltered)	mg/L		<0.010					
Chromium(VI)	mg/L		<0.010					
Cobalt	mg/L							
Copper	mg/L					<0.0250 U		
Copper (Unfiltered)	mg/L				<0.0250 U			
Lead	mg/L	<0.0030 U				<0.0030 U	<0.0030 U	<0.0030 UJ
Lead (Unfiltered)	mg/L				<0.0030 U			

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-2S	RH-MW-2S
Sample ID	1837025	1839149	1839149	1839149	1839149	1642983	1837041	
Sample Date	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	
Sample Time	10:30	10:50	10:50	10:50	10:50	14:35		11:20
Sample Depth	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	26.0' - 38.0'		26.0' - 38.0'
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN		LANC
Lab. Number	3126214	AEL99004915	AEL99004920	3154942	3154974	A7I220134009		3127201
Constituent	Units							
Mercury	mg/L	<0.00020 U				<0.00020 U	<0.00020 U	<0.00020 U
Mercury (Unfiltered)	mg/L				<0.00020 U			
Nickel	mg/L	0.0147 J				0.0121 B	<0.0400 U	<0.050 U
Nickel (Unfiltered)	mg/L				0.0164 B			
Selenium	mg/L	<0.0050 U				<0.0050 U	<0.0050 U	<0.0050 U
Selenium (Unfiltered)	mg/L				<0.0050 U			
Silver	mg/L	<0.020 U				<0.0200 U	<0.0100 U	<0.020 U
Silver (Unfiltered)	mg/L				<0.0200 U			
Sodium	mg/L							
Titanium	mg/L						<0.0500 U	
Zinc	mg/L	0.0093 J				0.0103 B	<0.0200 U	0.0153 J
Zinc (Unfiltered)	mg/L				0.0151 B			
Acetylaminofluorene,2-	µg/l							
Aramite	µg/L							
Benzene,hexachloro-	µg/l							
Chlorobenzilate	µg/l							
Dibromo-3-chloropropane,1,2-	µg/l	<5 U					<5.0 U	<5 U
Dimethoate	µg/l							
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l							
Isodrin	µg/l							
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l							
Thionazin	µg/l							
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l				<0.0050 U			
Total Petroleum Hydrocarbons	mg/l							

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**Table 4**  
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	Location ID	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-2S	RH-MW-2S
Sample ID	1837025	1839149	1839149	1839149	1839149	1642983	1837041	
Sample Date	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997		04/08/1999
Sample Time	10:30	10:50	10:50	10:50	10:50	14:35		11:20
Sample Depth	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	26.0' - 38.0'		26.0' - 38.0'
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN		LANC
Lab. Number	3126214	AEL99004915	AEL99004920	3154942	3154974	A7I220134009		3127201
Constituent	Units							
Acenaphthene	µg/l							
Acenaphthylene	µg/l							
Acetophenetidide,p-	µg/l							
Acetophenone	µg/l							
Aminobiphenyl,4-	µg/l							
Aniline	µg/l							
Anthracene	µg/l							
Azobenzene,4-dimethylamino-	µg/l							
Benz[a]anthracene	µg/l							
Benz[a]anthracene,7,12-dimethyl-	µg/l							
Benz[e]acephenanthrylene	µg/l							
Benzene,1,2,4,5-tetrachloro-	µg/l							
Benzene,1,3,5-trinitro-	µg/l							
Benzene,1,3-dinitro-	µg/l							
Benzene,nitro-	µg/l							
Benzidine,3,3'-dichloro-	µg/l							
Benzidine,3,3'-dimethyl-	µg/l							
Benzo[a]pyrene	µg/l							
Benzo[ghi]perylene	µg/l							
Benzo[k]fluoranthene	µg/l							
Benzyl Alcohol	µg/l							
Benzyl Butyl Phthalate	µg/l							
Bis(2-chloroethoxy)methane	µg/l							
Bis(2-chloroethyl)ether	µg/l							
Bis(2-chloroisopropyl)ether	µg/l							
Bis(2-ethylhexyl)phthalate	µg/l							
Bromophenyl Phenyl Ether,4-	µg/l							
Butylamine,n-nitroso-di-n-	µg/l							

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**Table 4**  
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	Location ID	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-2S	RH-MW-2S
	Sample ID	1837025	1839149	1839149	1839149	1839149	1642983	1837041
	Sample Date	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999
	Sample Time	10:30	10:50	10:50	10:50	10:50	14:35	11:20
	Sample Depth	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	26.0' - 38.0'	26.0' - 38.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC
	Lab. Number	3126214	AEL99004915	AEL99004920	3154942	3154974	A7I220134009	3127201
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l							
Chlorophenyl Phenyl Ether,4-	µg/l							
Chrysene	µg/l							
Cresol,2-	µg/l							
Cresol,3-	µg/L							
Cresol,4-	µg/l							
Cresol,4-Chloro-m-	µg/l							
Di-n-butyl Phthalate	µg/l							
Di-n-octyl Phthalate	µg/l							
Dibenz[a,h]anthracene	µg/l							
Dibenzofuran	µg/l							
Dichloro-2-butylene,1,4-trans-	µg/l	<50 U					<5.0 U	<50 U
Diethyl Phthalate	µg/l							
Dimethyl Phthalate	µg/l							
Dimethylamine,n-nitroso-	µg/l							
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l							
Dinitrotoluene,2,4-	µg/l							
Dinitrotoluene,2,6-	µg/l							
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l							
Ethylamine,n-nitroso-	µg/l							
Ethylmethanesulfonate	µg/l							
Fluoranthene	µg/l							
Fluorene	µg/l							
Hexachlorobutadiene	µg/l							
Hexachloroethane	µg/l							

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	Location ID	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-2S	RH-MW-2S
Sample ID	1837025	1839149	1839149	1839149	1839149	1839149	1642983	1837041
Sample Date	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999
Sample Time	10:30	10:50	10:50	10:50	10:50	10:50	14:35	11:20
Sample Depth	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	26.0' - 38.0'	26.0' - 38.0'
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC	LANC
Lab. Number	3126214	AEL99004915	AEL99004920	3154942	3154974	A71220134009	3127201	
Constituent	Units							
Hexachloropropylene	µg/l							
Indeno(1,2,3-cd)pyrene	µg/l							
Isophorone	µg/l							
Iosafrole	µg/l							
Methapyrilene	µg/l							
Methyl Methanesulfonate	µg/l							
Methylcholanthrene,3-	µg/l							
Methylethylamine,n-nitroso-	µg/l							
Morpholine,n-nitroso-	µg/l							
Naphthalene	µg/l							
Naphthalene,2-chloro-	µg/l							
Naphthalene,2-methyl-	µg/l							
Naphthoquinone,1,4-	µg/l							
Naphthylamine,alpha-	µg/l							
Naphthylamine,beta-	µg/l							
Nitro-o-toluidine,5-	µg/l							
Nitroaniline,2-	µg/l							
Nitroaniline,3-	µg/l							
Nitroaniline,4-	µg/l							
Nitroquinoline-1-oxide,4-	µg/l							
Phenanthrene	µg/l							
Phenol	µg/l							
Phenol,2,3,4,6-tetrachloro-	µg/l							
Phenol,2,4,5-trichloro-	µg/l							
Phenol,2,4,6-trichloro-	µg/l							
Phenol,2,4-dichloro-	µg/l							
Phenol,2,4-dinitro-	µg/l							
Phenol,2,6-dichloro-	µg/l							

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-2S	RH-MW-2S
Sample ID	1837025	1839149	1839149	1839149	1839149	1642983	1837041	
Sample Date	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	
Sample Time	10:30	10:50	10:50	10:50	10:50	14:35	11:20	
Sample Depth	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	26.0' - 38.0'	26.0' - 38.0'	
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC	
Lab. Number	3126214	AEL99004915	AEL99004920	3154942	3154974	A7I220134009	3127201	
Constituent	Units							
Phenol,2-chloro-	µg/l							
Phenol,2-nitro-	µg/l							
Phenol,4-nitro-	µg/l							
Phenol,pentachloro-	µg/l							
Phenylenediamine,1,4-	µg/l							
Picoline,2-	µg/l							
Piperidine,n-nitroso-	µg/l							
Pronamide	µg/l							
Propylamine,n-nitroso-n-	µg/l							
Pyrene	µg/l							
Pyridine	µg/l							
Pyrrolidine,n-nitroso-	µg/l							
Safrole	µg/l							
Toluidine,o-	µg/l							
Triethyl Phosphorothioate,o,o,o-	µg/l							
Xylenol,2,4-	µg/l							
Acetone	µg/l	<20 U				<100 UR	<20 UR	
Acetonitrile	µg/l	<100 UR					<100 UR	
Acrolein	µg/l	<100 UR				<20 UR	<100 UR	
Acrylonitrile	µg/l	<50 U				<20 UR	<50 U	
Allyl Chloride	µg/l	<5 U				<100 U	<5 UJ	
Benzene	µg/l	<5 U				<1.0 U	<5 U	
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l							
Benzene,1,2-dichloro-	µg/l							
Benzene,1,3-dichloro-	µg/l							
Benzene,1,4-dichloro-	µg/l							
Benzene,chloro-	µg/l	<5 U				<5.0 U	<5 U	

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-2S	RH-MW-2S
Sample ID	1837025	1839149	1839149	1839149	1839149	1642983	1837041	
Sample Date	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997		04/08/1999
Sample Time	10:30	10:50	10:50	10:50	10:50	14:35		11:20
Sample Depth	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	26.0' - 38.0'		26.0' - 38.0'
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN		LANC
Lab. Number	3126214	AEL99004915	AEL99004920	3154942	3154974	A7I220134009		3127201
Constituent	Units							
Benzene,ethyl	µg/l	<5 U				<5.0 U		<5 U
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l							
Benzene,pentachloronitro-	µg/l							
Bromoform	µg/l	<5 U				<4.0 U		<5 U
Carbon Disulfide	µg/l	<5 U				<5.0 U		<5 U
Carbon Tetrachloride	µg/l	<5 U				<5.0 U		<5 U
Chloroethane	µg/l	<5 U				<10 U		<5 U
Chloroform	µg/l	<5 U				<5.0 U		<5 U
Chloroprene,beta-	µg/l	<5 UJ				<1.0 U		<5 U
Dibromochloromethane	µg/l	<5 U				<0.50 U		<5 U
Dibromoethane,1,2-	µg/l	<5 U				<0.50 U		<5 U
Dibromomethane	µg/l	<5 U				<5.0 U		<5 U
Dichlorobromomethane	µg/l	<5 U				<5.0 U		<5 U
Dichlorodifluoromethane	µg/l	<5 U				<5.0 U		<5 U
Dichloroethane,1,1-	µg/l	<5 U				<5.0 U		<5 U
Dichloroethane,1,2-	µg/l	<5 U				<1.0 U		<5 U
Dichloroethylene,1,1-	µg/l	<5 U				<1.0 U		<5 U
Dichloroethylene,1,2-cis-	µg/l	<5 U				<5.0 U		<5 U
Dichloroethylene,1,2-trans-	µg/l	<5 U				<5.0 U		<5 U
Dichloropropane,1,2-	µg/l	<5 U				<5.0 U		<5 U
Dichloropropylene,1,3-, NOS	µg/l					<5.0 U		
Dichloropropylene,1,3-cis-	µg/l	<5 U				<1.0 U		<5 U
Dichloropropylene,1,3-trans-	µg/l	<5 U				<1.0 U		<5 U
Dioxane,1,4-	µg/l	<250 UR				<150 UR		<250 UR
Ethylmethacrylate	µg/l	<5 U				<5.0 U		<5 U
Hexanone,2-	µg/l	<10 U				<100 U		<10 U
Iodomethane	µg/l	<5 U				<5.0 U		<5 U

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	Location ID	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-1S	RH-MW-2S	RH-MW-2S
	Sample ID	1837025	1839149	1839149	1839149	1839149	1642983	1837041
	Sample Date	04/07/1999	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999
	Sample Time	10:30	10:50	10:50	10:50	10:50	14:35	11:20
	Sample Depth	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	18.0' - 27.0'	26.0' - 38.0'	26.0' - 38.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC
	Lab. Number	3126214	AEL99004915	AEL99004920	3154942	3154974	A7I220134009	3127201
Constituent	Units							
Isobutyl Alcohol	µg/l	<250 UR					<50 UR	<250 UR
Methacrylonitrile	µg/l	<50 U					<5.0 U	<50 U
Methyl Bromide	µg/l	<5 U					<10 U	<5 U
Methyl Chloride	µg/l	<5 UJ					<10 U	<5 U
Methyl Ethyl Ketone	µg/l	<10 UR					<100 U	<10 UR
Methyl Methacrylate	µg/l	<5 U					<5.0 U	<5 U
Methyl-2-pentanone,4-	µg/l	<10 U					<100 U	<10 U
Methyl-tert-butyl Ether	µg/l						<5.0 U	<5 U
Methylene Chloride	µg/l	<5 U					<5.0 U	<5 U
Pentachloroethane	µg/L							
Propionitrile	µg/l	<100 UR					<5.0 UR	<100 UR
Styrene	µg/l	<5 U					<5.0 U	<5 U
Tetrachloroethane,1,1,1,2-	µg/l	<5 U					<1.0 U	<5 U
Tetrachloroethane,1,1,2,2-	µg/l	<5 U					<1.0 U	<5 U
Tetrachloroethylene	µg/l	<5 U					<5.0 U	<5 U
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l	<5 U					<5.0 U	<5 U
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l	<5 U					<5.0 U	<5 U
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l	<5 U					<5.0 U	<5 U
Trichloroethylene	µg/l	<5 U					<5.0 U	<5 U
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l	<5 U					<5.0 U	<5 UJ
Trichloropropane,1,2,3-	µg/l	<5 U					<5.0 U	<5 U
Vinyl Acetate	µg/l	<10 U					<5.0 U	<10 U
Vinyl Chloride	µg/l	<5 U					<2.0 U	<5 U
Xylene,o- (screening)	µg/L							

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-3S	RH-MW-3S	RH-MW-3S
Sample ID	1839154	1839154	1839154	1839154	1642982	1837040	1839153	
Sample Date	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	05/18/1999	
Sample Time	14:00	14:00	14:00	14:00	14:20	10:40	13:20	
Sample Depth	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	19.00' - 28.0	19.0' - 28.0'	19.0' - 28.0'	
Laboratory	AEL	AEL	LANC	LANC	QUAN	LANC	AEL	
Lab. Number	AEL99004919	AEL99004924	3154946	3154978	A7I220134008	3127200	AEL99004918	
Constituent	Units							
Depth of Well	FT	39.61	39.61	39.61	39.61	28.50		28.52
Depth to Water	FT	32.72	32.72	32.72	32.72	24.04		22.73
Specific Conductivity (field)	µmhos	156.6	156.6	156.6	156.6	211	124.9	129.8
Water Elevation	FT	5.11	5.11	5.11	5.11	3.04		4.35
pH (field)	SU	6.42	6.42	6.42	6.42	6.46	7.12	6.68
Date Metals Analyzed	-	05/18/1999	05/20/1999	05/26/1999	05/26/1999	09/25/1997	04/14/1999	05/18/1999
Date Organics Analyzed	-					09/29/1997	04/13/1999	
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-			05/26/1999			04/16/1999	
Date Semi-volatile Organics Analyzed	-						04/13/1999	
Diallate	µg/l						<10 U	
Dinoseb	µg/L							
Arsenic	mg/L				<0.0100 U	<0.0100 U	<0.010 U	
Arsenic (Unfiltered)	mg/L			0.0011 B				
Barium	mg/L				0.137	<0.2 U	0.0430 J	
Barium (Unfiltered)	mg/L			0.155				
Beryllium	mg/L				<0.0100 U			
Beryllium (Unfiltered)	mg/L				<0.0100 U			
Cadmium	mg/L				<0.0025 U	<0.0050 U	<0.0015 U	
Cadmium (Unfiltered)	mg/L				<0.0025 U			
Chromium	mg/L		<0.010			<0.0100 U	<0.030 U	
Chromium (Unfiltered)	mg/L	<0.010						<0.010
Chromium(VI)	mg/L	<0.010						<0.010
Cobalt	mg/L							
Copper	mg/L				<0.0250 U			
Copper (Unfiltered)	mg/L				<0.0250 U			
Lead	mg/L				<0.0030 U	<0.0030 U	<0.0030 UJ	
Lead (Unfiltered)	mg/L				<0.0030 U			

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-3S	RH-MW-3S	RH-MW-3S
Sample ID	1839154	1839154	1839154	1839154	1642982	1837040	1839153	
Sample Date	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	05/18/1999	
Sample Time	14:00	14:00	14:00	14:00	14:20	10:40	13:20	
Sample Depth	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	19.00' - 28.0	19.0' - 28.0'	19.0' - 28.0'	
Laboratory	AEL	AEL	LANC	LANC	QUAN	LANC	AEL	
Lab. Number	AEL99004919	AEL99004924	3154946	3154978	A7I220134008	3127200	AEL99004918	
Constituent	Units							
Mercury	mg/L			<0.00020 U	<0.00020 U	<0.00020 U		
Mercury (Unfiltered)	mg/L			<0.00020 U				
Nickel	mg/L			<0.0500 U	<0.0400 U	0.0061 J		
Nickel (Unfiltered)	mg/L			<0.0500 U				
Selenium	mg/L			<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	
Selenium (Unfiltered)	mg/L			<0.0050 U				
Silver	mg/L			<0.0200 U	<0.0100 U	<0.020 U		
Silver (Unfiltered)	mg/L			<0.0200 U				
Sodium	mg/L							
Titanium	mg/L				<0.0500 U			
Zinc	mg/L			0.0050 B	<0.0200 U	<0.025 U		
Zinc (Unfiltered)	mg/L			0.0111 B				
Acetylaminofluorene,2-	µg/l					<10 U		
Aramite	µg/L							
Benzene,hexachloro-	µg/l					<10 U		
Chlorobenzilate	µg/l					<19 U		
Dibromo-3-chloropropane,1,2-	µg/l				<5.0 U	<5 U		
Dimethoate	µg/l					<19 U		
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l					<24 U		
Isodrin	µg/l					<24 U		
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l					<10 U		
Thionazin	µg/l					<10 U		
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l			<0.0050 U				
Total Petroleum Hydrocarbons	mg/l					<0.50 U		

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**Table 4**  
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	Location ID	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-3S	RH-MW-3S	RH-MW-3S
Sample ID	1839154	1839154	1839154	1839154	1642982	1837040	1839153	
Sample Date	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	05/18/1999	
Sample Time	14:00	14:00	14:00	14:00	14:20	10:40	13:20	
Sample Depth	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	19.00' - 28.0	19.0' - 28.0'	19.0' - 28.0'	
Laboratory	AEL	AEL	LANC	LANC	QUAN	LANC	AEL	
Lab. Number	AEL99004919	AEL99004924	3154946	3154978	A7I220134008	3127200	AEL99004918	
Constituent	Units							
Acenaphthene	µg/l					<10 U		
Acenaphthylene	µg/l					<10 U		
Acetophenetide,p-	µg/l					<10 U		
Acetophenone	µg/l					<10 U		
Aminobiphenyl,4-	µg/l					<10 U		
Aniline	µg/l					<10 U		
Anthracene	µg/l					<10 U		
Azobenzene,4-dimethylamino-	µg/l					<10 U		
Benz[a]anthracene	µg/l					<10 U		
Benz[a]anthracene,7,12-dimethyl-	µg/l					<10 U		
Benz[e]acephenanthrylene	µg/l					<10 U		
Benzene,1,2,4,5-tetrachloro-	µg/l					<10 U		
Benzene,1,3,5-trinitro-	µg/l					<19 U		
Benzene,1,3-dinitro-	µg/l					<10 U		
Benzene,nitro-	µg/l					<10 U		
Benzidine,3,3'-dichloro-	µg/l					<10 U		
Benzidine,3,3'-dimethyl-	µg/l					<24 U		
Benzo[a]pyrene	µg/l					<10 U		
Benzo[ghi]perylene	µg/l					<10 U		
Benzo[k]fluoranthene	µg/l					<10 U		
Benzyl Alcohol	µg/l					<19 U		
Benzyl Butyl Phthalate	µg/l					<10 U		
Bis(2-chloroethoxy)methane	µg/l					<10 U		
Bis(2-chloroethyl)ether	µg/l					<10 U		
Bis(2-chloroisopropyl)ether	µg/l					<10 U		
Bis(2-ethylhexyl)phthalate	µg/l					<10 U		
Bromophenyl Phenyl Ether,4-	µg/l					<10 U		
Butylamine,n-nitroso-di-n-	µg/l					<10 U		

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**Table 4**  
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	Location ID	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-3S	RH-MW-3S	RH-MW-3S
Sample ID	1839154	1839154	1839154	1839154	1642982	1837040	1839153	
Sample Date	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	05/18/1999	
Sample Time	14:00	14:00	14:00	14:00	14:20	10:40		13:20
Sample Depth	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	19.00' - 28.0	19.0' - 28.0'		19.0' - 28.0'
Laboratory	AEL	AEL	LANC	LANC	QUAN	LANC		AEL
Lab. Number	AEL99004919	AEL99004924	3154946	3154978	A7I220134008	3127200		AEL99004918
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l					<10 U		
Chlorophenyl Phenyl Ether,4-	µg/l					<10 U		
Chrysene	µg/l					<10 U		
Cresol,2-	µg/l					<10 U		
Cresol,3-	µg/L							
Cresol,4-	µg/l					<10 U		
Cresol,4-Chloro-m-	µg/l					<10 U		
Di-n-butyl Phthalate	µg/l					<10 U		
Di-n-octyl Phthalate	µg/l					<10 U		
Dibenz[a,h]anthracene	µg/l					<10 U		
Dibenzofuran	µg/l					<10 U		
Dichloro-2-butylene,1,4-trans-	µg/l				<5.0 U	<50 U		
Diethyl Phthalate	µg/l					<10 U		
Dimethyl Phthalate	µg/l					<10 U		
Dimethylamine,n-nitroso-	µg/l					<10 U		
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l					<24 U		
Dinitrotoluene,2,4-	µg/l					<10 U		
Dinitrotoluene,2,6-	µg/l					<10 U		
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l					<10 U		
Ethylamine,n-nitroso-	µg/l					<10 U		
Ethylmethanesulfonate	µg/l					<10 U		
Fluoranthene	µg/l					<10 U		
Fluorene	µg/l					<10 U		
Hexachlorobutadiene	µg/l					<10 U		
Hexachloroethane	µg/l					<10 U		

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	Location ID	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-3S	RH-MW-3S	RH-MW-3S
	Sample ID	1839154	1839154	1839154	1839154	1642982	1837040	1839153
	Sample Date	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	05/18/1999
	Sample Time	14:00	14:00	14:00	14:00	14:20	10:40	13:20
	Sample Depth	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	19.00' - 28.0	19.0' - 28.0'	19.0' - 28.0'
	Laboratory	AEL	AEL	LANC	LANC	QUAN	LANC	AEL
	Lab. Number	AEL99004919	AEL99004924	3154946	3154978	A7I220134008	3127200	AEL99004918
Constituent	Units							
Hexachloropropylene	µg/l						<10 U	
Indeno(1,2,3-cd)pyrene	µg/l						<10 U	
Isophorone	µg/l						<10 U	
Isosafrole	µg/l						<10 U	
Methaprylene	µg/l						<10 U	
Methyl Methanesulfonate	µg/l						<10 U	
Methylcholanthrene,3-	µg/l						<10 U	
Methylethylamine,n-nitroso-	µg/l						<10 U	
Morpholine,n-nitroso-	µg/l						<10 U	
Naphthalene	µg/l						<10 U	
Naphthalene,2-chloro-	µg/l						<10 U	
Naphthalene,2-methyl-	µg/l						<10 U	
Naphthoquinone,1,4-	µg/l						<95 U	
Naphthylamine,alpha-	µg/l						<10 U	
Naphthylamine,beta-	µg/l						<10 U	
Nitro-o-toluidine,5-	µg/l						<10 U	
Nitroaniline,2-	µg/l						<10 U	
Nitroaniline,3-	µg/l						<10 U	
Nitroaniline,4-	µg/l						<10 U	
Nitroquinoline-1-oxide,4-	µg/l						<95 U	
Phenanthrene	µg/l						<10 U	
Phenol	µg/l						<10 U	
Phenol,2,3,4,6-tetrachloro-	µg/l						<10 U	
Phenol,2,4,5-trichloro-	µg/l						<10 U	
Phenol,2,4,6-trichloro-	µg/l						<10 U	
Phenol,2,4-dichloro-	µg/l						<10 U	
Phenol,2,4-dinitro-	µg/l						<48 UJ	
Phenol,2,6-dichloro-	µg/l						<10 U	

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-3S	RH-MW-3S	RH-MW-3S
	Sample ID	1839154	1839154	1839154	1839154	1642982	1837040	1839153
	Sample Date	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	05/18/1999
	Sample Time	14:00	14:00	14:00	14:00	14:20	10:40	13:20
	Sample Depth	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	19.00' - 28.0	19.0' - 28.0'	19.0' - 28.0'
	Laboratory	AEL	AEL	LANC	LANC	QUAN	LANC	AEL
	Lab. Number	AEL99004919	AEL99004924	3154946	3154978	A7I220134008	3127200	AEL99004918
Constituent	Units							
Phenol,2-chloro-	µg/l					<10 U		
Phenol,2-nitro-	µg/l					<10 U		
Phenol,4-nitro-	µg/l					<48 U		
Phenol,pentachloro-	µg/l					<24 U		
Phenylenediamine,1,4-	µg/l					<190 U		
Picoline,2-	µg/l					<10 U		
Piperidine,n-nitroso-	µg/l					<10 U		
Pronamide	µg/l					<10 U		
Propylamine,n-nitroso-n-	µg/l					<10 U		
Pyrene	µg/l					<10 U		
Pyridine	µg/l					<10 U		
Pyrrolidine,n-nitroso-	µg/l					<10 U		
Safrole	µg/l					<10 U		
Toluidine,o-	µg/l					<10 U		
Triethyl Phosphorothioate,o,o,o-	µg/l					<10 U		
Xylenol,2,4-	µg/l					<10 U		
Acetone	µg/l				<100 UR	<20 UR		
Acetonitrile	µg/l					<100 UR		
Acrolein	µg/l					<20 UR	<100 UR	
Acrylonitrile	µg/l					<20 UR	<50 U	
Allyl Chloride	µg/l					<100 U	<5 UJ	
Benzene	µg/l					<1.0 UR	<5 U	
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l						<10 U	
Benzene,1,2-dichloro-	µg/l						<10 U	
Benzene,1,3-dichloro-	µg/l						<10 U	
Benzene,1,4-dichloro-	µg/l						<10 U	
Benzene,chloro-	µg/l					<5.0 U	<5 U	

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-3S	RH-MW-3S	RH-MW-3S
Sample ID	1839154	1839154	1839154	1839154	1642982	1837040	1839153	
Sample Date	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	05/18/1999	
Sample Time	14:00	14:00	14:00	14:00	14:20	10:40	13:20	
Sample Depth	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	19.00' - 28.0	19.0' - 28.0'	19.0' - 28.0'	
Laboratory	AEL	AEL	LANC	LANC	QUAN	LANC	AEL	
Lab. Number	AEL99004919	AEL99004924	3154946	3154978	A7I220134008	3127200	AEL99004918	
Constituent	Units							
Benzene,ethyl	µg/l				<5.0 UR	<5 U		
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l					<10 U		
Benzene,pentachloronitro-	µg/l					<10 U		
Bromoform	µg/l				<4.0 U	<5 U		
Carbon Disulfide	µg/l				<5.0 U	<5 U		
Carbon Tetrachloride	µg/l				<5.0 U	<5 U		
Chloroethane	µg/l				<10 U	<5 U		
Chloroform	µg/l				<5.0 U	<5 U		
Chloroprene,beta-	µg/l				<1.0 U	<5 U		
Dibromochloromethane	µg/l				<0.50 U	<5 U		
Dibromoethane,1,2-	µg/l				<0.50 U	<5 U		
Dibromomethane	µg/l				<5.0 U	<5 U		
Dichlorobromomethane	µg/l				<5.0 U	<5 U		
Dichlorodifluoromethane	µg/l				<5.0 U	<5 U		
Dichloroethane,1,1-	µg/l				<5.0 U	<5 U		
Dichloroethane,1,2-	µg/l				<1.0 U	<5 U		
Dichloroethylene,1,1-	µg/l				<1.0 U	<5 U		
Dichloroethylene,1,2-cis-	µg/l				<5.0 U	<5 U		
Dichloroethylene,1,2-trans-	µg/l				<5.0 U	<5 U		
Dichloropropane,1,2-	µg/l				<5.0 U	<5 U		
Dichloropropylene,1,3-, NOS	µg/l				<5.0 U			
Dichloropropylene,1,3-cis-	µg/l				<1.0 U	<5 U		
Dichloropropylene,1,3-trans-	µg/l				<1.0 U	<5 U		
Dioxane,1,4-	µg/l				<150 UR	<250 UR		
Ethylmethacrylate	µg/l				<5.0 U	<5 U		
Hexanone,2-	µg/l				<100 U	<10 U		
Iodomethane	µg/l				<5.0 U	<5 U		

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-2S	RH-MW-3S	RH-MW-3S	RH-MW-3S
Sample ID	1839154	1839154	1839154	1839154	1642982	1837040	1839153	
Sample Date	05/18/1999	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	05/18/1999	
Sample Time	14:00	14:00	14:00	14:00	14:20	10:40	13:20	
Sample Depth	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	26.0' - 38.0'	19.00' - 28.0	19.0' - 28.0'	19.0' - 28.0'	
Laboratory	AEL	AEL	LANC	LANC	QUAN	LANC	AEL	
Lab. Number	AEL99004919	AEL99004924	3154946	3154978	A7I220134008	3127200	AEL99004918	
Constituent	Units							
Isobutyl Alcohol	µg/l				<50 UR	<250 UR		
Methacrylonitrile	µg/l				<5.0 U	<5 U		
Methyl Bromide	µg/l				<10 U	<5 U		
Methyl Chloride	µg/l				<10 U	<5 U		
Methyl Ethyl Ketone	µg/l				<100 U	<10 UR		
Methyl Methacrylate	µg/l				<5.0 U	<5 U		
Methyl-2-pentanone,4-	µg/l				<100 U	<10 U		
Methyl-tert-butyl Ether	µg/l				<5.0 U	<5 U		
Methylene Chloride	µg/l				<5.0 U	<5 U		
Pentachloroethane	µg/L							
Propionitrile	µg/l				<5.0 UR	<100 UR		
Styrene	µg/l				<5.0 UR	<5 U		
Tetrachloroethane,1,1,1,2-	µg/l				<1.0 U	<5 U		
Tetrachloroethane,1,1,2,2-	µg/l				<1.0 U	<5 U		
Tetrachloroethylene	µg/l				<5.0 U	<5 U		
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l				<5.0 UR	<5 U		
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l				<5.0 U	<5 U		
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l				<5.0 U	<5 U		
Trichloroethylene	µg/l				<5.0 U	<5 U		
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l				<5.0 U	<5 UJ		
Trichloropropane,1,2,3-	µg/l				<5.0 U	<5 U		
Vinyl Acetate	µg/l				<5.0 U	<10 U		
Vinyl Chloride	µg/l				<2.0 U	<5 U		
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-3S	RH-MW-3S	RH-MW-3S	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-4S
Sample ID	1839153	1839153	1839153	1642981	1837042	1837043	1839152	
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	04/08/1999	05/18/1999	
Sample Time	13:20	13:20	13:20	11:25	12:10	14:00	12:50	
Sample Depth	19.0' - 28.0'	19.0' - 28.0'	19.0' - 28.0'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	
Laboratory	AEL	LANC	LANC	QUAN	LANC	LANC	AEL	
Lab. Number	AEL99004923	3154945	3154977	A7I220134007	3127199	3127198	AEL99004917	
Constituent	Units							
Depth of Well	FT	28.52	28.52	28.52	21.20			21.05
Depth to Water	FT	22.73	22.73	22.73	18.14			17.47
Specific Conductivity (field)	µmhos	129.8	129.8	129.8	375	451	208	546
Water Elevation	FT	4.35	4.35	4.35	1.44			2.11
pH (field)	SU	6.68	6.68	6.68	6.70	7.43	7.39	7.09
Date Metals Analyzed	-	05/20/1999	05/26/1999	05/26/1999	09/25/1997	04/14/1999	04/14/1999	05/18/1999
Date Organics Analyzed	-				09/29/1997	04/13/1999	04/13/1999	
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		05/26/1999				04/16/1999	
Date Semi-volatile Organics Analyzed	-						04/12/1999	
Diallate	µg/l						<10 U	
Dinoseb	µg/L							
Arsenic	mg/L			<0.0100 U	<0.0100 U	<0.010 U	<0.010 U	
Arsenic (Unfiltered)	mg/L		<0.0100 U					
Barium	mg/L			0.0486 B	<0.2 U	0.11	0.0815 J	
Barium (Unfiltered)	mg/L		0.0584 B					
Beryllium	mg/L			<0.0100 U				
Beryllium (Unfiltered)	mg/L		<0.0100 U					
Cadmium	mg/L			<0.0025 U	<0.0050 U	<0.0015 U	<0.0015 U	
Cadmium (Unfiltered)	mg/L		<0.0025 U					
Chromium	mg/L	<0.010			<0.0100 U	<0.030 U	<0.030 U	
Chromium (Unfiltered)	mg/L							<0.010
Chromium(VI)	mg/L							<0.010
Cobalt	mg/L							
Copper	mg/L			<0.0250 U				
Copper (Unfiltered)	mg/L		<0.0250 U					
Lead	mg/L			<0.0030 U	<0.0030 U	<0.0030 UJ	<0.0030 UJ	
Lead (Unfiltered)	mg/L		<0.0030 U					

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-3S	RH-MW-3S	RH-MW-3S	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-4S
Sample ID	1839153	1839153	1839153	1642981	1837042	1837043	1837043	1839152
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	04/08/1999	04/08/1999	05/18/1999
Sample Time	13:20	13:20	13:20	11:25	12:10	14:00	14:00	12:50
Sample Depth	19.0' - 28.0'	19.0' - 28.0'	19.0' - 28.0'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'
Laboratory	AEL	LANC	LANC	QUAN	LANC	LANC	LANC	AEL
Lab. Number	AEL99004923	3154945	3154977	A7I220134007	3127199	3127198	3127198	AEL99004917
Constituent	Units							
Mercury	mg/L			<0.00020 U	<0.00020 U	<0.00020 U	<0.00020 U	
Mercury (Unfiltered)	mg/L		<0.00020 U					
Nickel	mg/L			<0.0500 U	<0.0400 U	<0.050 U	<0.050 U	
Nickel (Unfiltered)	mg/L		<0.0500 U					
Selenium	mg/L			<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	
Selenium (Unfiltered)	mg/L		<0.0050 U					
Silver	mg/L			<0.0200 U	<0.0100 U	<0.020 U	<0.020 U	
Silver (Unfiltered)	mg/L		<0.0200 U					
Sodium	mg/L							
Titanium	mg/L				<0.0500 U			
Zinc	mg/L			0.0064 B	0.0460	0.0130 J	0.0115 J	
Zinc (Unfiltered)	mg/L		0.0046 B					
Acetylaminofluorene,2-	µg/l						<10 U	
Aramite	µg/L							
Benzene,hexachloro-	µg/l						<10 U	
Chlorobenzilate	µg/l						<19 U	
Dibromo-3-chloropropane,1,2-	µg/l				<5.0 U	<5 U	<5 U	
Dimethoate	µg/l						<19 U	
Disulfoton	µg/L							
Famphur	µg/L						<24 U	
Hexachlorocyclopentadiene	µg/l						<24 U	
Isodrin	µg/l							
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l						<10 U	
Thionazin	µg/l						<10 U	
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l		<0.0050 U					
Total Petroleum Hydrocarbons	mg/l						<0.50 U	

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-3S	RH-MW-3S	RH-MW-3S	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-4S
Sample ID	1839153	1839153	1839153	1642981	1837042	1837043	1839152	
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	04/08/1999	05/18/1999	
Sample Time	13:20	13:20	13:20	11:25	12:10	14:00		12:50
Sample Depth	19.0' - 28.0'	19.0' - 28.0'	19.0' - 28.0'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'		8.5' - 18.5'
Laboratory	AEL	LANC	LANC	QUAN	LANC	LANC		AEL
Lab. Number	AEL99004923	3154945	3154977	A7I220134007	3127199	3127198		AEL99004917
Constituent	Units							
Acenaphthene	µg/l							<10 U
Acenaphthylene	µg/l							<10 U
Acetophenetidide,p-	µg/l							<10 U
Acetophenone	µg/l							<10 U
Aminobiphenyl,4-	µg/l							<10 U
Aniline	µg/l							<10 U
Anthracene	µg/l							<10 U
Azobenzene,4-dimethylamino-	µg/l							<10 U
Benz[a]anthracene	µg/l							<10 U
Benz[a]anthracene,7,12-dimethyl-	µg/l							<10 U
Benz[e]acephenanthrylene	µg/l							<10 U
Benzene,1,2,4,5-tetrachloro-	µg/l							<10 U
Benzene,1,3,5-trinitro-	µg/l							<19 U
Benzene,1,3-dinitro-	µg/l							<10 U
Benzene,nitro-	µg/l							<10 U
Benzidine,3,3'-dichloro-	µg/l							<10 U
Benzidine,3,3'-dimethyl-	µg/l							<24 U
Benzo[a]pyrene	µg/l							<10 U
Benzo[ghi]perylene	µg/l							<10 U
Benzo[k]fluoranthene	µg/l							<10 U
Benzyl Alcohol	µg/l							<19 U
Benzyl Butyl Phthalate	µg/l							<10 U
Bis(2-chloroethoxy)methane	µg/l							<10 U
Bis(2-chloroethyl)ether	µg/l							<10 U
Bis(2-chloroisopropyl)ether	µg/l							<10 U
Bis(2-ethylhexyl)phthalate	µg/l							<10 U
Bromophenyl Phenyl Ether,4-	µg/l							<10 U
Butylamine,n-nitroso-di-n-	µg/l							<10 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-3S	RH-MW-3S	RH-MW-3S	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-4S
Sample ID	1839153	1839153	1839153	1642981	1837042	1837043	1839152	
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	04/08/1999	05/18/1999	
Sample Time	13:20	13:20	13:20	11:25	12:10	14:00	12:50	
Sample Depth	19.0' - 28.0'	19.0' - 28.0'	19.0' - 28.0'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	
Laboratory	AEL	LANC	LANC	QUAN	LANC	LANC	AEL	
Lab. Number	AEL99004923	3154945	3154977	A7I220134007	3127199	3127198	AEL99004917	
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l					<10 U		
Chlorophenyl Phenyl Ether,4-	µg/l					<10 U		
Chrysene	µg/l					<10 U		
Cresol,2-	µg/l					<10 U		
Cresol,3-	µg/L							
Cresol,4-	µg/l					<10 U		
Cresol,4-Chloro-m-	µg/l					<10 U		
Di-n-butyl Phthalate	µg/l					<10 U		
Di-n-octyl Phthalate	µg/l					<10 U		
Dibenz[a,h]anthracene	µg/l					<10 U		
Dibenzofuran	µg/l					<10 U		
Dichloro-2-butylene,1,4-trans-	µg/l			<5.0 U	<50 U	<50 U		
Diethyl Phthalate	µg/l					<10 U		
Dimethyl Phthalate	µg/l					<10 U		
Dimethylamine,n-nitroso-	µg/l					<10 U		
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l					<24 U		
Dinitrotoluene,2,4-	µg/l					<10 U		
Dinitrotoluene,2,6-	µg/l					<10 U		
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l					<10 U		
Ethylamine,n-nitroso-	µg/l					<10 U		
Ethylmethanesulfonate	µg/l					<10 U		
Fluoranthene	µg/l					<10 U		
Fluorene	µg/l					<10 U		
Hexachlorobutadiene	µg/l					<10 U		
Hexachloroethane	µg/l					<10 U		

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-3S	RH-MW-3S	RH-MW-3S	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-4S
Sample ID	1839153	1839153	1839153	1642981	1837042	1837043	1839152	
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	04/08/1999	05/18/1999	
Sample Time	13:20	13:20	13:20	11:25	12:10	14:00	12:50	
Sample Depth	19.0' - 28.0'	19.0' - 28.0'	19.0' - 28.0'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	
Laboratory	AEL	LANC	LANC	QUAN	LANC	LANC	AEL	
Lab. Number	AEL99004923	3154945	3154977	A7I220134007	3127199	3127198	AEL99004917	
Constituent	Units							
Hexachloropropylene	µg/l					<10 UJ		
Indeno(1,2,3-cd)pyrene	µg/l					<10 U		
Isophorone	µg/l					<10 U		
Isosafrole	µg/l					<10 U		
Methapyrilene	µg/l					<10 U		
Methyl Methanesulfonate	µg/l					<10 U		
Methylcholanthrene,3-	µg/l					<10 U		
Methylethylamine,n-nitroso-	µg/l					<10 U		
Morpholine,n-nitroso-	µg/l					<10 U		
Naphthalene	µg/l					<10 U		
Naphthalene,2-chloro-	µg/l					<10 U		
Naphthalene,2-methyl-	µg/l					<10 U		
Naphthoquinone,1,4-	µg/l					<95 UR		
Naphthylamine,alpha-	µg/l					<10 U		
Naphthylamine,beta-	µg/l					<10 U		
Nitro-o-toluidine,5-	µg/l					<10 U		
Nitroaniline,2-	µg/l					<10 U		
Nitroaniline,3-	µg/l					<10 U		
Nitroaniline,4-	µg/l					<10 U		
Nitroquinoline-1-oxide,4-	µg/l					<95 UR		
Phenanthrene	µg/l					<10 U		
Phenol	µg/l					<10 U		
Phenol,2,3,4,6-tetrachloro-	µg/l					<10 U		
Phenol,2,4,5-trichloro-	µg/l					<10 U		
Phenol,2,4,6-trichloro-	µg/l					<10 U		
Phenol,2,4-dichloro-	µg/l					<10 U		
Phenol,2,4-dinitro-	µg/l					<48 UJ		
Phenol,2,6-dichloro-	µg/l					<10 U		

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-3S	RH-MW-3S	RH-MW-3S	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-4S
Sample ID	1839153	1839153	1839153	1642981	1837042	1837043	1839152	
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	04/08/1999	05/18/1999	
Sample Time	13:20	13:20	13:20	11:25	12:10	14:00		12:50
Sample Depth	19.0' - 28.0'	19.0' - 28.0'	19.0' - 28.0'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'		8.5' - 18.5'
Laboratory	AEL	LANC	LANC	QUAN	LANC	LANC		AEL
Lab. Number	AEL99004923	3154945	3154977	A7I220134007	3127199	3127198		AEL99004917
Constituent	Units							
Phenol,2-chloro-	µg/l						<10 U	
Phenol,2-nitro-	µg/l						<10 U	
Phenol,4-nitro-	µg/l						<48 U	
Phenol,pentachloro-	µg/l						<24 U	
Phenylenediamine,1,4-	µg/l						<190 UR	
Picoline,2-	µg/l						<10 U	
Piperidine,n-nitroso-	µg/l						<10 U	
Pronamide	µg/l						<10 U	
Propylamine,n-nitroso-n-	µg/l						<10 U	
Pyrene	µg/l						<10 U	
Pyridine	µg/l						<10 U	
Pyrrolidine,n-nitroso-	µg/l						<10 U	
Safrole	µg/l						<10 U	
Toluidine,o-	µg/l						<10 U	
Triethyl Phosphorothioate,o,o,o-	µg/l						<10 U	
Xylenol,2,4-	µg/l						<10 U	
Acetone	µg/l				<100 UR	<20 UR	<20 U	
Acetonitrile	µg/l					<100 UR	<100 UR	
Acrolein	µg/l				<20 UR	<100 UR	<100 UR	
Acrylonitrile	µg/l				<20 UR	<50 U	<50 U	
Allyl Chloride	µg/l				<100 U	<5 UJ	<5 UJ	
Benzene	µg/l				<1.0 UR	<5 U	<5 U	
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l						<10 U	
Benzene,1,2-dichloro-	µg/l						<10 U	
Benzene,1,3-dichloro-	µg/l						<10 U	
Benzene,1,4-dichloro-	µg/l						<10 U	
Benzene,chloro-	µg/l				<5.0 U	<5 U	<5 U	

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-3S	RH-MW-3S	RH-MW-3S	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-4S
Sample ID	1839153	1839153	1839153	1642981	1837042	1837043	1839152	
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	04/08/1999	05/18/1999	
Sample Time	13:20	13:20	13:20	11:25	12:10	14:00	12:50	
Sample Depth	19.0' - 28.0'	19.0' - 28.0'	19.0' - 28.0'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	
Laboratory	AEL	LANC	LANC	QUAN	LANC	LANC	AEL	
Lab. Number	AEL99004923	3154945	3154977	A7I220134007	3127199	3127198	AEL99004917	
Constituent	Units							
Benzene,ethyl	µg/l			<5.0 UR	<5 U	<5 U		
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l					<10 U		
Benzene,pentachloronitro-	µg/l					<10 U		
Bromoform	µg/l			<4.0 U	<5 U	<5 U		
Carbon Disulfide	µg/l			<5.0 U	<5 U	<5 U		
Carbon Tetrachloride	µg/l			<5.0 U	<5 U	<5 U		
Chloroethane	µg/l			<10 U	<5 U	<5 U		
Chloroform	µg/l			<5.0 U	<5 U	<5 U		
Chloroprene,beta-	µg/l			<1.0 U	<5 U	<5 U		
Dibromochloromethane	µg/l			<0.50 U	<5 U	<5 U		
Dibromoethane,1,2-	µg/l			<0.50 U	<5 U	<5 U		
Dibromomethane	µg/l			<5.0 U	<5 U	<5 U		
Dichlorobromomethane	µg/l			<5.0 U	<5 U	<5 U		
Dichlorodifluoromethane	µg/l			<5.0 U	<5 U	<5 U		
Dichloroethane,1,1-	µg/l			<5.0 U	<5 U	<5 U		
Dichloroethane,1,2-	µg/l			<1.0 U	<5 U	<5 U		
Dichloroethylene,1,1-	µg/l			<1.0 U	<5 U	<5 U		
Dichloroethylene,1,2-cis-	µg/l			<5.0 U	<5 U	<5 U		
Dichloroethylene,1,2-trans-	µg/l			<5.0 U	<5 U	<5 U		
Dichloropropane,1,2-	µg/l			<5.0 U	<5 U	<5 U		
Dichloropropylene,1,3-, NOS	µg/l			<5.0 U				
Dichloropropylene,1,3-cis-	µg/l			<1.0 U	<5 U	<5 U		
Dichloropropylene,1,3-trans-	µg/l			<1.0 U	<5 U	<5 U		
Dioxane,1,4-	µg/l			<150 UR	<250 UR	<250 UR		
Ethylmethacrylate	µg/l			<5.0 U	<5 U	<5 U		
Hexanone,2-	µg/l			<100 U	<10 U	<10 U		
Iodomethane	µg/l			<5.0 U	<5 U	<5 U		

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-3S	RH-MW-3S	RH-MW-3S	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-4S
	Sample ID	1839153	1839153	1839153	1642981	1837042	1837043	1839152
	Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/08/1999	04/08/1999	05/18/1999
	Sample Time	13:20	13:20	13:20	11:25	12:10	14:00	12:50
	Sample Depth	19.0' - 28.0'	19.0' - 28.0'	19.0' - 28.0'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'
	Laboratory	AEL	LANC	LANC	QUAN	LANC	LANC	AEL
	Lab. Number	AEL99004923	3154945	3154977	A7I220134007	3127199	3127198	AEL99004917
Constituent	Units							
Isobutyl Alcohol	µg/l				<50 UR	<250 UR	<250 UR	
Methacrylonitrile	µg/l				<5.0 U	<50 U	<50 U	
Methyl Bromide	µg/l				<10 U	<5 U	<5 U	
Methyl Chloride	µg/l				<10 U	<5 U	<5 U	
Methyl Ethyl Ketone	µg/l				<100 U	<10 UR	<10 UR	
Methyl Methacrylate	µg/l				<5.0 U	<5 U	<5 U	
Methyl-2-pentanone,4-	µg/l				<100 U	<10 U	<10 U	
Methyl-tert-butyl Ether	µg/l				<5.0 U	<5 U	<5 U	
Methylene Chloride	µg/l				<5.0 U	<5 U	<5 U	
Pentachloroethane	µg/L							
Propionitrile	µg/l				<5.0 UR	<100 UR	<100 UR	
Styrene	µg/l				<5.0 UR	<5 U	<5 U	
Tetrachloroethane,1,1,1,2-	µg/l				<1.0 U	<5 U	<5 U	
Tetrachloroethane,1,1,2,2-	µg/l				<1.0 U	<5 U	<5 U	
Tetrachloroethylene	µg/l				<5.0 U	<5 U	<5 U	
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l				<5.0 UR	<5 U	<5 U	
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l				<5.0 U	<5 U	<5 U	
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l				<5.0 U	<5 U	<5 U	
Trichloroethylene	µg/l				<5.0 U	<5 U	<5 U	
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l				<5.0 U	<5 UJ	<5 UJ	
Trichloropropane,1,2,3-	µg/l				<5.0 U	<5 U	<5 U	
Vinyl Acetate	µg/l				<5.0 U	<10 U	<10 U	
Vinyl Chloride	µg/l				<2.0 U	<5 U	<5 U	
Xylene,o- (screening)	µg/L							

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**Table 4**  
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**Pratt & Whitney, Rocky Hill, Connecticut**

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-5S	RH-MW-5S	RH-MW-5S	RH-MW-5S
Sample ID	1839152	1839152	1839152	1642980	1837034	1839145	1839145	1839145
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999
Sample Time	12:50	12:50	12:50	12:35	15:45	13:40	13:40	13:40
Sample Depth	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'
Laboratory	AEL	LANC	LANC	QUAN	LANC	AEL	AEL	AEL
Lab. Number	AEL99004922	3154944	3154976	A7I220134006	3126221	AEL99004846	AEL99004855	
Constituent	Units							
Depth of Well	FT	21.05	21.05	21.05	21.48		21.49	21.49
Depth to Water	FT	17.47	17.47	17.47	20.80		19.39	19.39
Specific Conductivity (field)	µmhos	546	546	546	88.9	50.4	36.4	36.4
Water Elevation	FT	2.11	2.11	2.11	-20.80		-19.39	-19.39
pH (field)	SU	7.09	7.09	7.09	6.41	8.27	7.26	7.26
Date Metals Analyzed	-	05/20/1999	05/26/1999	05/26/1999	09/25/1997	04/14/1999	05/17/1999	05/20/1999
Date Organics Analyzed	-				09/29/1997	04/13/1999		
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		05/26/1999					
Date Semi-volatile Organics Analyzed	-							
Diallate	µg/l							
Dinoseb	µg/L							
Arsenic	mg/L			<0.0100 U	<0.0100 U	<0.010 U		
Arsenic (Unfiltered)	mg/L		<0.0100 U					
Barium	mg/L			0.101	<0.2 U	0.0155 J		
Barium (Unfiltered)	mg/L		0.102					
Beryllium	mg/L			<0.0100 U				
Beryllium (Unfiltered)	mg/L		<0.0100 U					
Cadmium	mg/L			<0.0125 U	<0.0050 U	<0.0015 U		
Cadmium (Unfiltered)	mg/L		<0.0025 U					
Chromium	mg/L	<0.010			<0.0100 U	<0.030 U		<0.010
Chromium (Unfiltered)	mg/L						<0.010	
Chromium(VI)	mg/L						<0.010	
Cobalt	mg/L							
Copper	mg/L			<0.0250 U				
Copper (Unfiltered)	mg/L		<0.0250 U					
Lead	mg/L			<0.0030 U	<0.0030 U	<0.0030 UJ		
Lead (Unfiltered)	mg/L		<0.0030 U					

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-5S	RH-MW-5S	RH-MW-5S	RH-MW-5S
Sample ID	1839152	1839152	1839152	1642980	1837034	1839145	1839145	
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/07/1999	05/17/1999	05/17/1999	
Sample Time	12:50	12:50	12:50	12:35	15:45	13:40	13:40	
Sample Depth	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	
Laboratory	AEL	LANC	LANC	QUAN	LANC	AEL	AEL	
Lab. Number	AEL99004922	3154944	3154976	A7I220134006	3126221	AEL99004846	AEL99004855	
Constituent	Units							
Mercury	mg/L			0.000048 B	<0.00020 U	<0.00020 U		
Mercury (Unfiltered)	mg/L		<0.00020 U					
Nickel	mg/L			<0.0500 U	<0.0400 U	<0.050 U		
Nickel (Unfiltered)	mg/L		<0.0500 U					
Selenium	mg/L			<0.0050 U	<0.0050 U	<0.0050 U		
Selenium (Unfiltered)	mg/L		<0.0050 U					
Silver	mg/L			<0.0200 U	<0.0100 U	<0.020 U		
Silver (Unfiltered)	mg/L		<0.0200 U					
Sodium	mg/L							
Titanium	mg/L				<0.0500 U			
Zinc	mg/L			0.0088 B	<0.0200 U	0.050		
Zinc (Unfiltered)	mg/L		0.0099 B					
Acetylaminofluorene,2-	µg/l							
Aramite	µg/L							
Benzene,hexachloro-	µg/l							
Chlorobenzilate	µg/l							
Dibromo-3-chloropropane,1,2-	µg/l				<5.0 U	<5 U		
Dimethoate	µg/l							
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l							
Isodrin	µg/l							
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l							
Thionazin	µg/l							
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l		<0.0050 U					
Total Petroleum Hydrocarbons	mg/l							

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-5S	RH-MW-5S	RH-MW-5S	RH-MW-5S
Sample ID	1839152	1839152	1839152	1642980	1837034	1839145	1839145	1839145
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999
Sample Time	12:50	12:50	12:50	12:35	15:45	13:40	13:40	13:40
Sample Depth	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'
Laboratory	AEL	LANC	LANC	QUAN	LANC	AEL	AEL	AEL
Lab. Number	AEL99004922	3154944	3154976	A7I220134006	3126221	AEL99004846	AEL99004855	
Constituent	Units							
Acenaphthene	µg/l							
Acenaphthylene	µg/l							
Acetophenetidide,p-	µg/l							
Acetophenone	µg/l							
Aminobiphenyl,4-	µg/l							
Aniline	µg/l							
Anthracene	µg/l							
Azobenzene,4-dimethylamino-	µg/l							
Benz[a]anthracene	µg/l							
Benz[a]anthracene,7,12-dimethyl-	µg/l							
Benz[e]acephenanthrylene	µg/l							
Benzene,1,2,4,5-tetrachloro-	µg/l							
Benzene,1,3,5-trinitro-	µg/l							
Benzene,1,3-dinitro-	µg/l							
Benzene,nitro-	µg/l							
Benzidine,3,3'-dichloro-	µg/l							
Benzidine,3,3'-dimethyl-	µg/l							
Benzo[a]pyrene	µg/l							
Benzo[ghi]perylene	µg/l							
Benzo[k]fluoranthene	µg/l							
Benzyl Alcohol	µg/l							
Benzyl Butyl Phthalate	µg/l							
Bis(2-chloroethoxy)methane	µg/l							
Bis(2-chloroethyl)ether	µg/l							
Bis(2-chloroisopropyl)ether	µg/l							
Bis(2-ethylhexyl)phthalate	µg/l							
Bromophenyl Phenyl Ether,4-	µg/l							
Butylamine,n-nitroso-di-n-	µg/l							

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**Table 4**  
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	Location ID	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-5S	RH-MW-5S	RH-MW-5S	RH-MW-5S
Sample ID	1839152	1839152	1839152	1642980	1837034	1839145	1839145	1839145
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999
Sample Time	12:50	12:50	12:50	12:35	15:45	13:40	13:40	13:40
Sample Depth	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'
Laboratory	AEL	LANC	LANC	QUAN	LANC	AEL	AEL	AEL
Lab. Number	AEL99004922	3154944	3154976	A7I220134006	3126221	AEL99004846	AEL99004855	
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l							
Chlorophenyl Phenyl Ether,4-	µg/l							
Chrysene	µg/l							
Cresol,2-	µg/l							
Cresol,3-	µg/L							
Cresol,4-	µg/l							
Cresol,4-Chloro-m-	µg/l							
Di-n-butyl Phthalate	µg/l							
Di-n-octyl Phthalate	µg/l							
Dibenz[a,h]anthracene	µg/l							
Dibenzofuran	µg/l							
Dichloro-2-butylene,1,4-trans-	µg/l				<5.0 U	<50 U		
Diethyl Phthalate	µg/l							
Dimethyl Phthalate	µg/l							
Dimethylamine,n-nitroso-	µg/l							
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l							
Dinitrotoluene,2,4-	µg/l							
Dinitrotoluene,2,6-	µg/l							
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l							
Ethylamine,n-nitroso-	µg/l							
Ethylmethanesulfonate	µg/l							
Fluoranthene	µg/l							
Fluorene	µg/l							
Hexachlorobutadiene	µg/l							
Hexachloroethane	µg/l							

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**Table 4**  
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	Location ID	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-5S	RH-MW-5S	RH-MW-5S	RH-MW-5S
Sample ID	1839152	1839152	1839152	1642980	1837034	1839145	1839145	1839145
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999
Sample Time	12:50	12:50	12:50	12:35	15:45	13:40	13:40	13:40
Sample Depth	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'
Laboratory	AEL	LANC	LANC	QUAN	LANC	AEL	AEL	AEL
Lab. Number	AEL99004922	3154944	3154976	A7I220134006	3126221	AEL99004846	AEL99004855	
Constituent	Units							
Hexachloropropylene	µg/l							
Indeno(1,2,3-cd)pyrene	µg/l							
Isophorone	µg/l							
Isosafrole	µg/l							
Methapyrilene	µg/l							
Methyl Methanesulfonate	µg/l							
Methylcholanthrene,3-	µg/l							
Methylethylamine,n-nitroso-	µg/l							
Morpholine,n-nitroso-	µg/l							
Naphthalene	µg/l							
Naphthalene,2-chloro-	µg/l							
Naphthalene,2-methyl-	µg/l							
Naphthoquinone,1,4-	µg/l							
Naphthylamine,alpha-	µg/l							
Naphthylamine,beta-	µg/l							
Nitro-o-toluidine,5-	µg/l							
Nitroaniline,2-	µg/l							
Nitroaniline,3-	µg/l							
Nitroaniline,4-	µg/l							
Nitroquinoline-1-oxide,4-	µg/l							
Phenanthrene	µg/l							
Phenol	µg/l							
Phenol,2,3,4,6-tetrachloro-	µg/l							
Phenol,2,4,5-trichloro-	µg/l							
Phenol,2,4,6-trichloro-	µg/l							
Phenol,2,4-dichloro-	µg/l							
Phenol,2,4-dinitro-	µg/l							
Phenol,2,6-dichloro-	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-5S	RH-MW-5S	RH-MW-5S	RH-MW-5S
Sample ID	1839152	1839152	1839152	1642980	1837034	1839145	1839145	1839145
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999
Sample Time	12:50	12:50	12:50	12:35	15:45	13:40	13:40	13:40
Sample Depth	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'
Laboratory	AEL	LANC	LANC	QUAN	LANC	AEL	AEL	AEL
Lab. Number	AEL99004922	3154944	3154976	A7I220134006	3126221	AEL99004846	AEL99004855	
Constituent	Units							
Phenol,2-chloro-	µg/l							
Phenol,2-nitro-	µg/l							
Phenol,4-nitro-	µg/l							
Phenol,pentachloro-	µg/l							
Phenylenediamine,1,4-	µg/l							
Picoline,2-	µg/l							
Piperidine,n-nitroso-	µg/l							
Pronamide	µg/l							
Propylamine,n-nitroso-n-	µg/l							
Pyrene	µg/l							
Pyridine	µg/l							
Pyrrolidine,n-nitroso-	µg/l							
Safrole	µg/l							
Toluidine,o-	µg/l							
Triethyl Phosphorothioate,o,o,o-	µg/l							
Xylenol,2,4-	µg/l							
Acetone	µg/l			<100 UR	<20 UR			
Acetonitrile	µg/l					<100 UR		
Acrolein	µg/l			<20 UR		<100 UR		
Acrylonitrile	µg/l			<20 UR		<50 U		
Allyl Chloride	µg/l			<100 U		<5 U		
Benzene	µg/l			<1.0 U		<5 U		
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l							
Benzene,1,2-dichloro-	µg/l							
Benzene,1,3-dichloro-	µg/l							
Benzene,1,4-dichloro-	µg/l				<5.0 U	<5 U		
Benzene,chloro-	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-5S	RH-MW-5S	RH-MW-5S	RH-MW-5S
Sample ID	1839152	1839152	1839152	1642980	1837034	1839145	1839145	
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/07/1999	05/17/1999	05/17/1999	
Sample Time	12:50	12:50	12:50	12:35	15:45	13:40	13:40	
Sample Depth	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	
Laboratory	AEL	LANC	LANC	QUAN	LANC	AEL	AEL	
Lab. Number	AEL99004922	3154944	3154976	A7I220134006	3126221	AEL99004846	AEL99004855	
Constituent	Units							
Benzene,ethyl	µg/l			<5.0 U	<5 U			
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l							
Benzene,pentachloronitro-	µg/l							
Bromoform	µg/l			<4.0 U	<5 U			
Carbon Disulfide	µg/l			<5.0 U	<5 U			
Carbon Tetrachloride	µg/l			<5.0 U	<5 U			
Chloroethane	µg/l			<10 U	<5 U			
Chloroform	µg/l			<5.0 U	<5 U			
Chloroprene,beta-	µg/l			<1.0 U	<5 UJ			
Dibromochloromethane	µg/l			<0.50 U	<5 U			
Dibromoethane,1,2-	µg/l			<0.50 U	<5 U			
Dibromomethane	µg/l			<5.0 U	<5 U			
Dichlorobromomethane	µg/l			<5.0 U	<5 U			
Dichlorodifluoromethane	µg/l			<5.0 U	<5 U			
Dichloroethane,1,1-	µg/l			<5.0 U	<5 U			
Dichloroethane,1,2-	µg/l			<1.0 U	<5 U			
Dichloroethylene,1,1-	µg/l			<1.0 U	<5 U			
Dichloroethylene,1,2-cis-	µg/l			<5.0 U	<5 U			
Dichloroethylene,1,2-trans-	µg/l			<5.0 U	<5 U			
Dichloropropane,1,2-	µg/l			<5.0 U	<5 U			
Dichloropropylene,1,3-, NOS	µg/l			<5.0 U				
Dichloropropylene,1,3-cis-	µg/l			<1.0 U	<5 U			
Dichloropropylene,1,3-trans-	µg/l			<1.0 U	<5 U			
Dioxane,1,4-	µg/l			<150 UR	<250 UR			
Ethylmethacrylate	µg/l			<5.0 U	<5 U			
Hexanone,2-	µg/l			<100 U	<10 U			
Iodomethane	µg/l			<5.0 U	<5 U			

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-4S	RH-MW-4S	RH-MW-4S	RH-MW-5S	RH-MW-5S	RH-MW-5S	RH-MW-5S
Sample ID	1839152	1839152	1839152	1642980	1837034	1839145	1839145	
Sample Date	05/18/1999	05/18/1999	05/18/1999	09/18/1997	04/07/1999	05/17/1999	05/17/1999	
Sample Time	12:50	12:50	12:50	12:35	15:45	13:40	13:40	
Sample Depth	8.5' - 18.5'	8.5' - 18.5'	8.5' - 18.5'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	10.0' - 19.0'	
Laboratory	AEL	LANC	LANC	QUAN	LANC	AEL	AEL	
Lab. Number	AEL99004922	3154944	3154976	A7I220134006	3126221	AEL99004846	AEL99004855	
Constituent	Units							
Isobutyl Alcohol	µg/l			<50 UR	<250 UR			
Methacrylonitrile	µg/l			<5.0 U	<50 U			
Methyl Bromide	µg/l			<10 U	<5 U			
Methyl Chloride	µg/l			<10 U	<5 UJ			
Methyl Ethyl Ketone	µg/l			<100 U	<10 UR			
Methyl Methacrylate	µg/l			<5.0 U	<5 U			
Methyl-2-pentanone,4-	µg/l			<100 U	<10 U			
Methyl-tert-butyl Ether	µg/l			<5.0 U	<5 U			
Methylene Chloride	µg/l			<5.0 U	<5 U			
Pentachloroethane	µg/L							
Propionitrile	µg/l			<5.0 UR	<100 UR			
Styrene	µg/l			<5.0 U	<5 U			
Tetrachloroethane,1,1,1,2-	µg/l			<1.0 U	<5 U			
Tetrachloroethane,1,1,2,2-	µg/l			<1.0 U	<5 U			
Tetrachloroethylene	µg/l			<5.0 U	<5 U			
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l			<5.0 U	<5 U			
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l			<5.0 U	<5 U			
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l			<5.0 U	<5 U			
Trichloroethylene	µg/l			<5.0 U	<5 U			
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l			<5.0 U	<5 U			
Trichloropropane,1,2,3-	µg/l			<5.0 U	<5 U			
Vinyl Acetate	µg/l			<5.0 U	<10 U			
Vinyl Chloride	µg/l			<2.0 U	<5 U			
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-5S	RH-MW-5S	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D
Sample ID	1839145	1839145	1837048	1839142	1839142	1839142	1839142	1839142
Sample Date	05/17/1999	05/17/1999	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
Sample Time	13:40	13:40	10:10	12:30	12:30	12:30	12:30	12:30
Sample Depth	10.0' - 19.0'	10.0' - 19.0'	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.
Laboratory	LANC	LANC	LANC	AEL	AEL	LANC	LANC	LANC
Lab. Number	3154068	3154077	3128126	AEL99004843	AEL99004852	3154065	3154074	
Constituent	Units							
Depth of Well	FT	21.49	21.49		122.40	122.40	122.40	122.40
Depth to Water	FT	19.39	19.39		23.82	23.82	23.82	23.82
Specific Conductivity (field)	µmhos	36.4	36.4	601	575	575	575	575
Water Elevation	FT	-19.39	-19.39		-23.82	-23.82	-23.82	-23.82
pH (field)	SU	7.26	7.26	6.99	7.83	7.83	7.83	7.83
Date Metals Analyzed	-	05/20/1999	05/23/1999	04/22/1999	05/17/1999	05/20/1999	05/20/1999	05/23/1999
Date Organics Analyzed	-			04/22/1999				
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	05/20/1999					05/20/1999	
Date Semi-volatile Organics Analyzed	-			04/14/1999				
Diallate	µg/l			<10 U				
Dinoseb	µg/L							
Arsenic	mg/L		<0.0100 U	0.0033 B				0.0029 B
Arsenic (Unfiltered)	mg/L	<0.0100 U					0.0025 B	
Barium	mg/L		0.0123 B	0.205 B				0.193
Barium (Unfiltered)	mg/L	0.0144 B					0.212	
Beryllium	mg/L		<0.0100 U					0.0018 B
Beryllium (Unfiltered)	mg/L	<0.0100 U					<0.0100 U	
Cadmium	mg/L		<0.00050 U	<0.000001 U				<0.00050 U
Cadmium (Unfiltered)	mg/L	<0.00050 U					<0.00050 U	
Chromium	mg/L			<0.000030 U		<0.010		
Chromium (Unfiltered)	mg/L				<0.010			
Chromium(VI)	mg/L				<0.010			
Cobalt	mg/L							
Copper	mg/L		<0.0250 U				<0.0250 U	
Copper (Unfiltered)	mg/L	<0.0250 U				<0.0250 U		
Lead	mg/L		<0.0030 U	<0.000003 U				<0.0030 U
Lead (Unfiltered)	mg/L	<0.0030 U				<0.0030 U		

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-5S	RH-MW-5S	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D
	Sample ID	1839145	1839145	1837048	1839142	1839142	1839142	1839142
	Sample Date	05/17/1999	05/17/1999	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	13:40	13:40	10:10	12:30	12:30	12:30	12:30
	Sample Depth	10.0' - 19.0'	10.0' - 19.0'	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.
	Laboratory	LANC	LANC	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154068	3154077	3128126	AEL99004843	AEL99004852	3154065	3154074
Constituent	Units							
Mercury	mg/L		<0.00020 U	<0.000000 U				<0.00020 U
Mercury (Unfiltered)	mg/L	<0.00020 U					<0.00020 U	
Nickel	mg/L		<0.0500 U	<0.000050 U				<0.0500 U
Nickel (Unfiltered)	mg/L	<0.0500 U					<0.0500 U	
Selenium	mg/L		<0.0050 UN	<0.000005 U				<0.0050 UN
Selenium (Unfiltered)	mg/L	<0.0050 U					<0.0050 U	
Silver	mg/L		<0.0200 U	<0.000020 U				<0.0200 U
Silver (Unfiltered)	mg/L	<0.0200 U					<0.0200 U	
Sodium	mg/L							
Titanium	mg/L							
Zinc	mg/L		<0.0250 U	0.0166 B				0.0043 B
Zinc (Unfiltered)	mg/L	<0.0250 U					0.0044 B	
Acetylaminofluorene,2-	µg/l			<10 U				
Aramite	µg/L							
Benzene,hexachloro-	µg/l			<10 U				
Chlorobenzilate	µg/l			<19 U				
Dibromo-3-chloropropane,1,2-	µg/l			<5 U				
Dimethoate	µg/l			<19 U				
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l			<24 U				
Isodrin	µg/l			<24 U				
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l			<10 U				
Thionazin	µg/l			<10 U				
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l	<0.0050 U					<0.0050 U	
Total Petroleum Hydrocarbons	mg/l							

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-5S	RH-MW-5S	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D
	Sample ID	1839145	1839145	1837048	1839142	1839142	1839142	1839142
	Sample Date	05/17/1999	05/17/1999	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	13:40	13:40	10:10	12:30	12:30	12:30	12:30
	Sample Depth	10.0' - 19.0'	10.0' - 19.0'	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.
	Laboratory	LANC	LANC	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154068	3154077	3128126	AEL99004843	AEL99004852	3154065	3154074
Constituent	Units							
Acenaphthene	µg/l			<10 U				
Acenaphthylene	µg/l			<10 U				
Acetophenetidide,p-	µg/l			<10 U				
Acetophenone	µg/l			<10 U				
Aminobiphenyl,4-	µg/l			<10 U				
Aniline	µg/l			<10 U				
Anthracene	µg/l			<10 U				
Azobenzene,4-dimethylamino-	µg/l			<10 U				
Benz[a]anthracene	µg/l			<10 U				
Benz[a]anthracene,7,12-dimethyl-	µg/l			<10 U				
Benz[e]acephenanthrylene	µg/l			<10 U				
Benzene,1,2,4,5-tetrachloro-	µg/l			<10 U				
Benzene,1,3,5-trinitro-	µg/l			<19 U				
Benzene,1,3-dinitro-	µg/l			<10 U				
Benzene,nitro-	µg/l			<10 U				
Benzidine,3,3'-dichloro-	µg/l			<10 U				
Benzidine,3,3'-dimethyl-	µg/l			<24 U				
Benzo[a]pyrene	µg/l			<10 U				
Benzo[ghi]perylene	µg/l			<10 U				
Benzo[k]fluoranthene	µg/l			<10 U				
Benzyl Alcohol	µg/l			<19 U				
Benzyl Butyl Phthalate	µg/l			<10 U				
Bis(2-chloroethoxy)methane	µg/l			<10 U				
Bis(2-chloroethyl)ether	µg/l			<10 U				
Bis(2-chloroisopropyl)ether	µg/l			<10 U				
Bis(2-ethylhexyl)phthalate	µg/l			<10 U				
Bromophenyl Phenyl Ether,4-	µg/l			<10 U				
Butylamine,n-nitroso-di-n-	µg/l			<10 U				

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-5S	RH-MW-5S	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D
	Sample ID	1839145	1839145	1837048	1839142	1839142	1839142	1839142
	Sample Date	05/17/1999	05/17/1999	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	13:40	13:40	10:10	12:30	12:30	12:30	12:30
	Sample Depth	10.0' - 19.0'	10.0' - 19.0'	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.
	Laboratory	LANC	LANC	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154068	3154077	3128126	AEL99004843	AEL99004852	3154065	3154074
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l			<10 U				
Chlorophenyl Phenyl Ether,4-	µg/l			<10 U				
Chrysene	µg/l			<10 U				
Cresol,2-	µg/l			<10 U				
Cresol,3-	µg/L							
Cresol,4-	µg/l			<10 U				
Cresol,4-Chloro-m-	µg/l			<10 U				
Di-n-butyl Phthalate	µg/l			<10 U				
Di-n-octyl Phthalate	µg/l			<10 U				
Dibenz[a,h]anthracene	µg/l			<10 U				
Dibenzofuran	µg/l			<10 U				
Dichloro-2-butylene,1,4-trans-	µg/l			<50 U				
Diethyl Phthalate	µg/l			<10 U				
Dimethyl Phthalate	µg/l			<10 U				
Dimethylamine,n-nitroso-	µg/l			<10 U				
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l			<24 U				
Dinitrotoluene,2,4-	µg/l			<10 U				
Dinitrotoluene,2,6-	µg/l			<10 U				
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l			<10 U				
Ethylamine,n-nitroso-	µg/l			<10 U				
Ethylmethanesulfonate	µg/l			<10 U				
Fluoranthene	µg/l			<10 U				
Fluorene	µg/l			<10 U				
Hexachlorobutadiene	µg/l			<10 U				
Hexachloroethane	µg/l			<10 U				

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-5S	RH-MW-5S	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D
	Sample ID	1839145	1839145	1837048	1839142	1839142	1839142	1839142
	Sample Date	05/17/1999	05/17/1999	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	13:40	13:40	10:10	12:30	12:30	12:30	12:30
	Sample Depth	10.0' - 19.0'	10.0' - 19.0'	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.
	Laboratory	LANC	LANC	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154068	3154077	3128126	AEL99004843	AEL99004852	3154065	3154074
Constituent	Units							
Hexachloropropylene	µg/l			<10 U				
Indeno(1,2,3-cd)pyrene	µg/l			<10 U				
Isophorone	µg/l			<10 U				
Isosafrole	µg/l			<10 U				
Methapyrilene	µg/l			<10 U				
Methyl Methanesulfonate	µg/l			<10 U				
Methylcholanthrene,3-	µg/l			<10 U				
Methylethylamine,n-nitroso-	µg/l			<10 U				
Morpholine,n-nitroso-	µg/l			<10 U				
Naphthalene	µg/l			<10 U				
Naphthalene,2-chloro-	µg/l			<10 U				
Naphthalene,2-methyl-	µg/l			<10 U				
Naphthoquinone,1,4-	µg/l			<95 U				
Naphthylamine,alpha-	µg/l			<10 U				
Naphthylamine,beta-	µg/l			<10 U				
Nitro-o-toluidine,5-	µg/l			<10 U				
Nitroaniline,2-	µg/l			<10 U				
Nitroaniline,3-	µg/l			<10 U				
Nitroaniline,4-	µg/l			<10 U				
Nitroquinoline-1-oxide,4-	µg/l			<95 U				
Phenanthrene	µg/l			<10 U				
Phenol	µg/l			<10 U				
Phenol,2,3,4,6-tetrachloro-	µg/l			<10 U				
Phenol,2,4,5-trichloro-	µg/l			<10 U				
Phenol,2,4,6-trichloro-	µg/l			<10 U				
Phenol,2,4-dichloro-	µg/l			<10 U				
Phenol,2,4-dinitro-	µg/l			<48 U				
Phenol,2,6-dichloro-	µg/l			<10 U				

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-5S	RH-MW-5S	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D
	Sample ID	1839145	1839145	1837048	1839142	1839142	1839142	1839142
	Sample Date	05/17/1999	05/17/1999	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	13:40	13:40	10:10	12:30	12:30	12:30	12:30
	Sample Depth	10.0' - 19.0'	10.0' - 19.0'	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.
	Laboratory	LANC	LANC	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154068	3154077	3128126	AEL99004843	AEL99004852	3154065	3154074
Constituent	Units							
Phenol,2-chloro-	µg/l			<10 U				
Phenol,2-nitro-	µg/l			<10 U				
Phenol,4-nitro-	µg/l			<48 U				
Phenol,pentachloro-	µg/l			<24 U				
Phenylenediamine,1,4-	µg/l			<190 U				
Picoline,2-	µg/l			<10 U				
Piperidine,n-nitroso-	µg/l			<10 U				
Pronamide	µg/l			<10 U				
Propylamine,n-nitroso-n-	µg/l			<10 U				
Pyrene	µg/l			<10 U				
Pyridine	µg/l			<10 U				
Pyrrolidine,n-nitroso-	µg/l			<10 U				
Safrole	µg/l			<10 U				
Toluidine,o-	µg/l			<10 U				
Triethyl Phosphorothioate,o,o,o-	µg/l			<10 U				
Xylenol,2,4-	µg/l			<10 U				
Acetone	µg/l			<20 U				
Acetonitrile	µg/l			<100 U				
Acrolein	µg/l			<100 U				
Acrylonitrile	µg/l			<50 U				
Allyl Chloride	µg/l			<5 U				
Benzene	µg/l			<5 U				
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l			<10 U				
Benzene,1,2-dichloro-	µg/l			<10 U				
Benzene,1,3-dichloro-	µg/l			<10 U				
Benzene,1,4-dichloro-	µg/l			<10 U				
Benzene,chloro-	µg/l			<5 U				

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-5S	RH-MW-5S	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D
	Sample ID	1839145	1839145	1837048	1839142	1839142	1839142	1839142
	Sample Date	05/17/1999	05/17/1999	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	13:40	13:40	10:10	12:30	12:30	12:30	12:30
	Sample Depth	10.0' - 19.0'	10.0' - 19.0'	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.
	Laboratory	LANC	LANC	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154068	3154077	3128126	AEL99004843	AEL99004852	3154065	3154074
Constituent	Units							
Benzene,ethyl	µg/l			<5 U				
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l			<10 U				
Benzene,pentachloronitro-	µg/l			<10 U				
Bromoform	µg/l			<5 U				
Carbon Disulfide	µg/l			<5 U				
Carbon Tetrachloride	µg/l			<5 U				
Chloroethane	µg/l			<5 U				
Chloroform	µg/l			43				
Chloroprene,beta-	µg/l			<5 U				
Dibromochloromethane	µg/l			<5 U				
Dibromoethane,1,2-	µg/l			<5 U				
Dibromomethane	µg/l			<5 U				
Dichlorobromomethane	µg/l			2 J				
Dichlorodifluoromethane	µg/l			<5 U				
Dichloroethane,1,1-	µg/l			<5 U				
Dichloroethane,1,2-	µg/l			<5 U				
Dichloroethylene,1,1-	µg/l			<5 U				
Dichloroethylene,1,2-cis-	µg/l			<5 U				
Dichloroethylene,1,2-trans-	µg/l			<5 U				
Dichloropropane,1,2-	µg/l			<5 U				
Dichloropropylene,1,3-, NOS	µg/l							
Dichloropropylene,1,3-cis-	µg/l			<5 U				
Dichloropropylene,1,3-trans-	µg/l			<5 U				
Dioxane,1,4-	µg/l			<250 U				
Ethylmethacrylate	µg/l			<5 U				
Hexanone,2-	µg/l			<10 U				
Iodomethane	µg/l			<5 U				

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-5S	RH-MW-5S	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D	RH-MW-6D
	Sample ID	1839145	1839145	1837048	1839142	1839142	1839142	1839142
	Sample Date	05/17/1999	05/17/1999	04/09/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999
	Sample Time	13:40	13:40	10:10	12:30	12:30	12:30	12:30
	Sample Depth	10.0' - 19.0'	10.0' - 19.0'	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.	114.0' - 119.
	Laboratory	LANC	LANC	LANC	AEL	AEL	LANC	LANC
	Lab. Number	3154068	3154077	3128126	AEL99004843	AEL99004852	3154065	3154074
Constituent	Units							
Isobutyl Alcohol	µg/l			<250 U				
Methacrylonitrile	µg/l			<50 U				
Methyl Bromide	µg/l			<5 U				
Methyl Chloride	µg/l			<5 U				
Methyl Ethyl Ketone	µg/l			<10 U				
Methyl Methacrylate	µg/l			<5 U				
Methyl-2-pentanone,4-	µg/l			<10 U				
Methyl-tert-butyl Ether	µg/l			<5 U				
Methylene Chloride	µg/l			<5 U				
Pentachloroethane	µg/L							
Propionitrile	µg/l			<100 U				
Styrene	µg/l			<5 U				
Tetrachloroethane,1,1,1,2-	µg/l			<5 U				
Tetrachloroethane,1,1,2,2-	µg/l			<5 U				
Tetrachloroethylene	µg/l			<5 U				
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l			<5 U				
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l			<5 U				
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l			<5 U				
Trichloroethylene	µg/l			<5 U				
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l			<5 U				
Trichloropropane,1,2,3-	µg/l			<5 U				
Vinyl Acetate	µg/l			<10 U				
Vinyl Chloride	µg/l			<5 U				
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Printed on 9/21/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-7S
Sample ID	1642977	1837032	1839143	1839143	1839143	1839143	1839143	1642978
Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
Sample Time	11:15	15:00	12:15	12:15	12:15	12:15	12:15	11:50
Sample Depth	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	12.0' - 24.0'
Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN	
Lab. Number	A7I220134003	3126213	AEL99004844	AEL99004853	3154066	3154075		A7I220134004
Constituent	Units							
Depth of Well	FT	28.54		28.56	28.56	28.56	28.56	26.50
Depth to Water	FT	25.80		24.52	24.52	24.52	24.52	22.65
Specific Conductivity (field)	µmhos	393	440	398.1	398.1	398.1	398.1	1890
Water Elevation	FT	3.27		4.55	4.55	4.55	4.55	3.45
pH (field)	SU	6.26	7.39	6.40	6.40	6.40	6.40	6.82
Date Metals Analyzed	-	09/25/1997	04/14/1999	05/17/1999	05/20/1999	05/20/1999	05/23/1999	09/25/1997
Date Organics Analyzed	-	09/29/1997	04/12/1999					09/29/1997
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	09/29/1997	04/16/1999			05/20/1999		09/29/1997
Date Semi-volatile Organics Analyzed	-	10/16/1997	04/12/1999					10/15/1997
Diallate	µg/l		<10 U					
Dinoseb	µg/L	<10 U						<10 U
Arsenic	mg/L	<0.0100 U	<0.010 U				<0.0100 U	0.0123
Arsenic (Unfiltered)	mg/L					<0.0100 U		
Barium	mg/L	<0.2 U	0.0327 J				0.0335 B	0.336
Barium (Unfiltered)	mg/L					0.0340 B		
Beryllium	mg/L						<0.0100 U	
Beryllium (Unfiltered)	mg/L					<0.0100 U		
Cadmium	mg/L	<0.0050 U	<0.0015 U				<0.00050 U	<0.0050 U
Cadmium (Unfiltered)	mg/L					<0.00050 U		
Chromium	mg/L	<0.0100 U	<0.030 U		<0.010			<0.0100 U
Chromium (Unfiltered)	mg/L			<0.010				
Chromium(VI)	mg/L			<0.010				
Cobalt	mg/L							
Copper	mg/L						<0.0250 U	
Copper (Unfiltered)	mg/L					<0.0250 U		
Lead	mg/L	<0.0030 U	<0.0030 UJ				<0.0030 U	<0.0030 U
Lead (Unfiltered)	mg/L					<0.0030 U		

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-7S
Sample ID	1642977	1837032	1839143	1839143	1839143	1839143	1839143	1642978
Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
Sample Time	11:15	15:00	12:15	12:15	12:15	12:15	12:15	11:50
Sample Depth	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	12.0' - 24.0'
Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN	
Lab. Number	A7I220134003	3126213	AEL99004844	AEL99004853	3154066	3154075		A7I220134004
Constituent	Units							
Mercury	mg/L	<0.00020 U	<0.00020 U				<0.00020 U	<0.00020 U
Mercury (Unfiltered)	mg/L					<0.00020 U		
Nickel	mg/L	<0.0400 U	<0.050 U				<0.0500 U	<0.0400 U
Nickel (Unfiltered)	mg/L					<0.0500 U		
Selenium	mg/L	<0.0050 U	<0.0050 U				<0.0050 UN	<0.0050 U
Selenium (Unfiltered)	mg/L					<0.0050 U		
Silver	mg/L	<0.0100 U	<0.020 U				<0.0200 U	<0.0100 U
Silver (Unfiltered)	mg/L					<0.0200 U		
Sodium	mg/L							
Titanium	mg/L	<0.0500 U						<0.0500 U
Zinc	mg/L	0.0606	0.0160 J				0.0165 B	0.0426
Zinc (Unfiltered)	mg/L					0.0128 B		
Acetylaminofluorene,2-	µg/l	<10 U	<10 U					<10 U
Aramite	µg/L	<10 U						<10 U
Benzene,hexachloro-	µg/l	<0.80 U	<10 U					<0.80 U
Chlorobenzilate	µg/l		<19 U					
Dibromo-3-chloropropane,1,2-	µg/l	<5.0 U	<5 U					<5.0 U
Dimethoate	µg/l	<10 UJ	<19 U					<10 U
Disulfoton	µg/L	<10 UJ						<10 U
Famphur	µg/L	<20 UJ						<20 UJ
Hexachlorocyclopentadiene	µg/l	<10 U	<24 U					<10 U
Isodrin	µg/l		<24 U					
Phorate	µg/L	<10 UJ						<10 U
Tetraethyl Dithiopyrophosphate	µg/l		<10 U					
Thionazin	µg/l		<10 U					
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l					<0.0050 U		
Total Petroleum Hydrocarbons	mg/l	<1.0 U	0.35 JU					<1.0 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-7S
Sample ID	1642977	1837032	1839143	1839143	1839143	1839143	1839143	1642978
Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
Sample Time	11:15	15:00	12:15	12:15	12:15	12:15	12:15	11:50
Sample Depth	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	12.0' - 24.0'
Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN	
Lab. Number	A7I220134003	3126213	AEL99004844	AEL99004853	3154066	3154075		A7I220134004
Constituent	Units							
Acenaphthene	µg/l	<10 U	<10 U					<10 U
Acenaphthylene	µg/l	<0.80 U	<10 U					<0.80 U
Acetophenetidide,p-	µg/l	<10 U	<10 U					<10 U
Acetophenone	µg/l	<10 U	<10 U					<10 U
Aminobiphenyl,4-	µg/l	<10 U	<10 U					<10 U
Aniline	µg/l	<10 U	<10 U					<10 U
Anthracene	µg/l	<10 U	<10 U					<10 U
Azobenzene,4-dimethylamino-	µg/l	<10 U	<10 U					<10 U
Benz[a]anthracene	µg/l	<0.80 U	<10 U					<0.80 U
Benz[a]anthracene,7,12-dimethyl-	µg/l	<10 U	<10 U					<10 U
Benz[e]acephenanthrylene	µg/l	<0.80 U	<10 U					<0.80 U
Benzene,1,2,4,5-tetrachloro-	µg/l	<10 U	<10 U					<10 U
Benzene,1,3,5-trinitro-	µg/l	<10 U	<19 U					<10 U
Benzene,1,3-dinitro-	µg/l	<10 U	<10 U					<10 U
Benzene,nitro-	µg/l	<10 U	<10 U					<10 U
Benzidine,3,3'-dichloro-	µg/l	<20 U	<10 U					<20 U
Benzidine,3,3'-dimethyl-	µg/l	<10 U	<24 U					<10 U
Benzo[a]pyrene	µg/l	<0.70 U	<10 U					<0.70 U
Benzo[ghi]perylene	µg/l	<10 U	<10 U					<10 U
Benzo[k]fluoranthene	µg/l	<0.80 U	<10 U					<0.80 U
Benzyl Alcohol	µg/l	<20 U	<19 U					<20 U
Benzyl Butyl Phthalate	µg/l	<10 U	<10 U					<10 U
Bis(2-chloroethoxy)methane	µg/l	<10 U	<10 U					<10 U
Bis(2-chloroethyl)ether	µg/l	<10 U	<10 U					<10 U
Bis(2-chloroisopropyl)ether	µg/l	<10 U	<10 U					<10 U
Bis(2-ethylhexyl)phthalate	µg/l	<7.0 U	<10 U					<7.0 U
Bromophenyl Phenyl Ether,4-	µg/l	<10 U	<10 U					<10 U
Butylamine,n-nitroso-di-n-	µg/l	<10 U	<10 U					<10 U

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-7S
	Sample ID	1642977	1837032	1839143	1839143	1839143	1839143	1642978
	Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
	Sample Time	11:15	15:00	12:15	12:15	12:15	12:15	11:50
	Sample Depth	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	12.0' - 24.0'
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN
	Lab. Number	A7I220134003	3126213	AEL99004844	AEL99004853	3154066	3154075	A7I220134004
Constituent	Units							
Carbazole	µg/L	<10 U						<10 U
Chloroaniline,4-	µg/l	<20 U	<10 U					<20 U
Chlorophenyl Phenyl Ether,4-	µg/l	<10 U	<10 U					<10 U
Chrysene	µg/l	<10 U	<10 U					<10 U
Cresol,2-	µg/l	<10 U	<10 U					<10 U
Cresol,3-	µg/l	<10 U						<10 U
Cresol,4-	µg/l	<10 U	<10 U					<10 U
Cresol,4-Chloro-m-	µg/l	<20 U	<10 U					<20 U
Di-n-butyl Phthalate	µg/l	<10 U	<10 U					<10 U
Di-n-octyl Phthalate	µg/l	<10 U	<10 U					<10 U
Dibenz[a,h]anthracene	µg/l	<10 U	<10 U					<10 U
Dibenzofuran	µg/l	<10 U	<10 U					<10 U
Dichloro-2-butylene,1,4-trans-	µg/l	<5.0 U	<50 U					<5.0 U
Diethyl Phthalate	µg/l	<10 U	<10 U					<10 U
Dimethyl Phthalate	µg/l	<10 U	<10 U					<10 U
Dimethylamine,n-nitroso-	µg/l	<10 U	<10 U					<10 U
Dimethylphenethylamine,alpha,alpha-	µg/L	<20 U						<20 U
Dinitro-o-cresol,4,6-	µg/l	<50 U	<24 U					<50 U
Dinitrotoluene,2,4-	µg/l	<10 U	<10 U					<10 U
Dinitrotoluene,2,6-	µg/l	<10 U	<10 U					<10 U
Diphenylamine	µg/L	<10 U						<10 U
Diphenylamine,n-nitroso-	µg/l	<10 U	<10 U					<10 U
Ethylamine,n-nitroso-	µg/l	<10 U	<10 U					<10 U
Ethylmethanesulfonate	µg/l	<10 U	<10 U					<10 U
Fluoranthene	µg/l	<10 U	<10 U					<10 U
Fluorene	µg/l	<10 U	<10 U					<10 U
Hexachlorobutadiene	µg/l	<10 U	<10 U					<10 U
Hexachloroethane	µg/l	<3.0 U	<10 U					<3.0 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-7S
Sample ID	1642977	1837032	1839143	1839143	1839143	1839143	1839143	1642978
Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
Sample Time	11:15	15:00	12:15	12:15	12:15	12:15	12:15	11:50
Sample Depth	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	12.0' - 24.0'
Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN	
Lab. Number	A7I220134003	3126213	AEL99004844	AEL99004853	3154066	3154075	A7I220134004	
Constituent	Units							
Hexachloropropylene	µg/l	<10 U	<10 UJ					<10 U
Indeno(1,2,3-cd)pyrene	µg/l	<10 U	<10 U					<10 U
Isophorone	µg/l	<10 U	<10 U					<10 U
Iosafrole	µg/l	<10 U	<10 U					<10 U
Methapyrilene	µg/l	<50 UJ	<10 U					<50 U
Methyl Methanesulfonate	µg/l	<10 U	<10 U					<10 U
Methylcholanthrene,3-	µg/l	<10 U	<10 U					<10 U
Methylethylamine,n-nitroso-	µg/l	<10 U	<10 U					<10 U
Morpholine,n-nitroso-	µg/l	<10 U	<10 U					<10 U
Naphthalene	µg/l	<10 U	<10 U					<10 U
Naphthalene,2-chloro-	µg/l	<10 U	<10 U					<10 U
Naphthalene,2-methyl-	µg/l	<10 U	<10 U					<10 U
Naphthoquinone,1,4-	µg/l	<50 U	<95 UR					<50 U
Naphthylamine,alpha-	µg/l	<10 U	<10 UJ					<10 U
Naphthylamine,beta-	µg/l	<10 U	<10 U					<10 U
Nitro-o-toluidine,5-	µg/l	<10 U	<10 U					<10 U
Nitroaniline,2-	µg/l	<50 U	<10 U					<50 U
Nitroaniline,3-	µg/l	<50 U	<10 U					<50 U
Nitroaniline,4-	µg/l	<50 U	<10 U					<50 U
Nitroquinoline-1-oxide,4-	µg/l	<50 U	<95 UR					<50 U
Phenanthrene	µg/l	<0.80 U	<10 U					<0.80 U
Phenol	µg/l	<10 U	<10 U					<10 U
Phenol,2,3,4,6-tetrachloro-	µg/l	<10 U	<10 U					<10 U
Phenol,2,4,5-trichloro-	µg/l	<10 U	<10 U					<10 U
Phenol,2,4,6-trichloro-	µg/l	<10 U	<10 U					<10 U
Phenol,2,4-dichloro-	µg/l	<10 U	<10 U					<10 U
Phenol,2,4-dinitro-	µg/l	<50 UJ	<48 UJ					<50 U
Phenol,2,6-dichloro-	µg/l		<10 U					

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-7S
	Sample ID	1642977	1837032	1839143	1839143	1839143	1839143	1642978
	Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
	Sample Time	11:15	15:00	12:15	12:15	12:15	12:15	11:50
	Sample Depth	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	12.0' - 24.0'
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN
	Lab. Number	A7I220134003	3126213	AEL99004844	AEL99004853	3154066	3154075	A7I220134004
Constituent	Units							
Phenol,2-chloro-	µg/l	<10 U	<10 U					<10 U
Phenol,2-nitro-	µg/l	<10 U	<10 U					<10 U
Phenol,4-nitro-	µg/l	<50 UJ	<48 U					<50 U
Phenol,pentachloro-	µg/l	<2.0 U	<24 U					<2.0 U
Phenylenediamine,1,4-	µg/l	<50 UJ	<190 UR					<50 UJ
Picoline,2-	µg/l	<10 U	<10 U					<10 U
Piperidine,n-nitroso-	µg/l	<10 UJ	<10 U					<10 U
Pronamide	µg/l	<10 U	<10 U					<10 U
Propylamine,n-nitroso-n-	µg/l	<10 U	<10 U					<10 U
Pyrene	µg/l	<10 U	<10 U					<10 U
Pyridine	µg/l	<10 U	<10 U					<10 U
Pyrrolidine,n-nitroso-	µg/l	<10 U	<10 U					<10 U
Safrole	µg/l	<10 U	<10 U					<10 U
Toluidine,o-	µg/l	<10 U	<10 U					<10 U
Triethyl Phosphorothioate,o,o,o-	µg/l	<10 U	<10 U					<10 U
Xylenol,2,4-	µg/l	<10 U	<10 U					<10 U
Acetone	µg/l	<100 UR	<20 UR					<100 UR
Acetonitrile	µg/l		<100 UR					
Acrolein	µg/l	<20 UR	<100 UR					<20 UR
Acrylonitrile	µg/l	<20 UR	<50 U					<20 UR
Allyl Chloride	µg/l	<100 U	<5 U					<100 U
Benzene	µg/l	<1.0 U	<5 U					<1.0 UR
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l	<10 U	<10 U					<10 U
Benzene,1,2-dichloro-	µg/l	<10 U	<10 U					<10 U
Benzene,1,3-dichloro-	µg/l	<10 U	<10 U					<10 U
Benzene,1,4-dichloro-	µg/l	<10 U	<10 U					<10 U
Benzene,chloro-	µg/l	<5.0 U	<5 U					<5.0 U

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-7S
	Sample ID	1642977	1837032	1839143	1839143	1839143	1839143	1642978
	Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
	Sample Time	11:15	15:00	12:15	12:15	12:15	12:15	11:50
	Sample Depth	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	12.0' - 24.0'
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN
	Lab. Number	A7I220134003	3126213	AEL99004844	AEL99004853	3154066	3154075	A7I220134004
Constituent	Units							
Benzene,ethyl	µg/l	<5.0 U	<5 U					<5.0 UR
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l	<10 U	<10 U					<10 U
Benzene,pentachloronitro-	µg/l	<10 U	<10 U					<10 U
Bromoform	µg/l	<4.0 U	<5 U					<4.0 U
Carbon Disulfide	µg/l	<5.0 U	<5 U					<5.0 U
Carbon Tetrachloride	µg/l	<5.0 U	<5 U					<5.0 U
Chloroethane	µg/l	<10 U	<5 U					<10 U
Chloroform	µg/l	<5.0 U	<5 U					<5.0 U
Chloroprene,beta-	µg/l	<1.0 U	<5 UJ					<1.0 U
Dibromochloromethane	µg/l	<0.50 U	<5 U					<0.50 U
Dibromoethane,1,2-	µg/l	<0.50 U	<5 U					<0.50 U
Dibromomethane	µg/l	<5.0 U	<5 U					<5.0 U
Dichlorobromomethane	µg/l	<5.0 U	<5 U					<5.0 U
Dichlorodifluoromethane	µg/l	<5.0 U	<5 U					<5.0 U
Dichloroethane,1,1-	µg/l	<5.0 U	<5 U					<5.0 U
Dichloroethane,1,2-	µg/l	<1.0 U	<5 U					<1.0 U
Dichloroethylene,1,1-	µg/l	<1.0 U	<5 U					<1.0 U
Dichloroethylene,1,2-cis-	µg/l	<5.0 U	<5 U					<5.0 U
Dichloroethylene,1,2-trans-	µg/l	<5.0 U	<5 U					<5.0 U
Dichloropropane,1,2-	µg/l	<5.0 U	<5 U					<5.0 U
Dichloropropylene,1,3-, NOS	µg/l	<5.0 U						<5.0 U
Dichloropropylene,1,3-cis-	µg/l	<1.0 U	<5 U					<1.0 U
Dichloropropylene,1,3-trans-	µg/l	<1.0 U	<5 U					<1.0 U
Dioxane,1,4-	µg/l	<150 UR	<250 UR					<150 UR
Ethylmethacrylate	µg/l	<5.0 U	<5 U					<5.0 U
Hexanone,2-	µg/l	<100 U	<10 U					<100 U
Iodomethane	µg/l	<5.0 U	<5 U					<5.0 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-6S	RH-MW-7S
	Sample ID	1642977	1837032	1839143	1839143	1839143	1839143	1642978
	Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
	Sample Time	11:15	15:00	12:15	12:15	12:15	12:15	11:50
	Sample Depth	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	16.0' - 25.0'	12.0' - 24.0'
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN
	Lab. Number	A7I220134003	3126213	AEL99004844	AEL99004853	3154066	3154075	A7I220134004
Constituent	Units							
Isobutyl Alcohol	µg/l	<50 UR	<250 UR					<50 UR
Methacrylonitrile	µg/l	<5.0 U	<50 U					<5.0 U
Methyl Bromide	µg/l	<10 U	<5 U					<10 U
Methyl Chloride	µg/l	<10 U	<5 UJ					<10 U
Methyl Ethyl Ketone	µg/l	<100 U	<10 UR					<100 U
Methyl Methacrylate	µg/l	<5.0 U	<5 U					<5.0 U
Methyl-2-pentanone,4-	µg/l	<100 U	<10 U					<100 U
Methyl-tert-butyl Ether	µg/l	<5.0 U	<5 U					<5.0 U
Methylene Chloride	µg/l	<5.0 U	<5 U					<5.0 U
Pentachloroethane	µg/L	<10 U						<10 U
Propionitrile	µg/l	<5.0 UR	<100 UR					<5.0 UR
Styrene	µg/l	<5.0 U	<5 U					<5.0 UR
Tetrachloroethane,1,1,1,2-	µg/l	<1.0 U	<5 U					<1.0 U
Tetrachloroethane,1,1,2,2-	µg/l	<1.0 U	<5 U					<1.0 U
Tetrachloroethylene	µg/l	<5.0 U	<5 U					<5.0 U
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l	<5.0 U	<5 U					<5.0 UR
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l	<5.0 U	<5 U					<5.0 U
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l	<5.0 U	<5 U					<5.0 U
Trichloroethylene	µg/l	<5.0 U	<5 U					<5.0 U
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l	<5.0 U	<5 U					<5.0 U
Trichloropropane,1,2,3-	µg/l	<5.0 U	<5 U					<5.0 U
Vinyl Acetate	µg/l	<5.0 U	<10 U					<5.0 U
Vinyl Chloride	µg/l	<2.0 U	<5 U					<2.0 U
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-8S
Sample ID	1642979	1837031	1839144	1839144	1839144	1839144	1839144	1642975
Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
Sample Time	11:50	14:35	12:45	12:45	12:45	12:45	12:45	09:37
Sample Depth	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 21.0'
Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN	
Lab. Number	A7I220134005	3126220	AEL99004845	AEL99004854	3154067	3154076		A7I220134001
Constituent	Units							
Depth of Well	FT	26.50		26.51	26.51	26.51	26.51	23.05
Depth to Water	FT	22.65		21.41	21.41	21.41	21.41	20.76
Specific Conductivity (field)	µmhos	1890	1769	1005	1005	1005	1005	397
Water Elevation	FT	3.45		4.69	4.69	4.69	4.69	4.48
pH (field)	SU	6.82	7.10	6.78	6.78	6.78	6.78	6.05
Date Metals Analyzed	-	09/25/1997	04/14/1999	05/17/1999	05/20/1999	05/20/1999	05/23/1999	09/25/1997
Date Organics Analyzed	-	09/29/1997	04/13/1999					09/29/1997
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	09/29/1997	04/16/1999			05/20/1999		10/03/1997
Date Semi-volatile Organics Analyzed	-	10/15/1997	04/16/1999					
Diallate	µg/l		<10 U					
Dinoseb	µg/L	<10 U						
Arsenic	mg/L	0.0119	<0.010 U			0.0053 B	<0.0100 U	
Arsenic (Unfiltered)	mg/L				0.0034 B			
Barium	mg/L	0.33	0.17			0.207	<0.2 U	
Barium (Unfiltered)	mg/L				0.222			
Beryllium	mg/L					0.0022 B		
Beryllium (Unfiltered)	mg/L				<0.0100 U			
Cadmium	mg/L	<0.0050 U	<0.0015 U			<0.00050 U	<0.0050 U	
Cadmium (Unfiltered)	mg/L							
Chromium	mg/L	<0.0100 U	<0.030 U		<0.010		<0.0100 U	
Chromium (Unfiltered)	mg/L			<0.010				
Chromium(VI)	mg/L			<0.010				
Cobalt	mg/L							
Copper	mg/L					<0.0250 U		
Copper (Unfiltered)	mg/L				<0.0250 U			
Lead	mg/L	<0.0030 U	<0.0030 UJ			<0.0030 U	<0.0030 U	<0.0030 U
Lead (Unfiltered)	mg/L				<0.0030 U			

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-8S
	Sample ID	1642979	1837031	1839144	1839144	1839144	1839144	1642975
	Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
	Sample Time	11:50	14:35	12:45	12:45	12:45	12:45	09:37
	Sample Depth	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 21.0'
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN
	Lab. Number	A7I220134005	3126220	AEL99004845	AEL99004854	3154067	3154076	A7I220134001
Constituent	Units							
Mercury	mg/L	<0.00020 U	<0.00020 U				<0.00020 U	<0.00020 U
Mercury (Unfiltered)	mg/L						<0.00020 U	
Nickel	mg/L	<0.0400 U	<0.050 U				<0.0500 U	<0.0400 U
Nickel (Unfiltered)	mg/L						<0.0500 U	
Selenium	mg/L	<0.0050 U	<0.0050 U				0.0059 S	<0.0050 U
Selenium (Unfiltered)	mg/L						<0.0050 U	
Silver	mg/L	<0.0100 U	<0.020 U				<0.0200 U	<0.0100 U
Silver (Unfiltered)	mg/L						<0.0200 U	
Sodium	mg/L							36.1
Titanium	mg/L	<0.0500 U						<0.0500 U
Zinc	mg/L	<0.0200 U	<0.025 U				0.0031 B	<0.0200 U
Zinc (Unfiltered)	mg/L						0.0032 B	
Acetylaminofluorene,2-	µg/l	<10 U	<10 U					
Aramite	µg/L	<10 U						
Benzene,hexachloro-	µg/l	<0.80 U	<10 U					
Chlorobenzilate	µg/l		<19 U					
Dibromo-3-chloropropane,1,2-	µg/l	<5.0 U	<5 U					<5.0 U
Dimethoate	µg/l	<10 U	<19 U					
Disulfoton	µg/L	<10 U						
Famphur	µg/L	<20 UJ						
Hexachlorocyclopentadiene	µg/l	<10 U	<24 U					
Isodrin	µg/l		<24 U					
Phorate	µg/L	<10 U						
Tetraethyl Dithiopyrophosphate	µg/l		<10 U					
Thionazin	µg/l		<10 U					
Chloride	mg/L							10.5
Cyanide (Unfiltered)	mg/l						<0.0050 U	
Total Petroleum Hydrocarbons	mg/l	<1.0 U	0.33 JU					

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-8S
Sample ID	1642979	1837031	1839144	1839144	1839144	1839144	1839144	1642975
Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
Sample Time	11:50	14:35	12:45	12:45	12:45	12:45	12:45	09:37
Sample Depth	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 21.0'
Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN	
Lab. Number	A7I220134005	3126220	AEL99004845	AEL99004854	3154067	3154076	A7I220134001	
Constituent	Units							
Acenaphthene	µg/l	<10 U	1 J					
Acenaphthylene	µg/l	<0.80 U	<10 U					
Acetophenetidide,p-	µg/l	<10 U	<10 U					
Acetophenone	µg/l	<10 U	<10 U					
Aminobiphenyl,4-	µg/l	<10 U	<10 U					
Aniline	µg/l	<10 U	<10 U					
Anthracene	µg/l	<10 U	<10 U					
Azobenzene,4-dimethylamino-	µg/l	<10 U	<10 U					
Benz[a]anthracene	µg/l	<0.80 U	<10 U					
Benz[a]anthracene,7,12-dimethyl-	µg/l	<10 U	<10 U					
Benz[e]acephenanthrylene	µg/l	<0.80 U	<10 U					
Benzene,1,2,4,5-tetrachloro-	µg/l	<10 U	<10 U					
Benzene,1,3,5-trinitro-	µg/l	<10 U	<19 U					
Benzene,1,3-dinitro-	µg/l	<10 U	<10 U					
Benzene,nitro-	µg/l	<10 U	<10 U					
Benzidine,3,3'-dichloro-	µg/l	<20 U	<10 U					
Benzidine,3,3'-dimethyl-	µg/l	<10 U	<24 U					
Benzo[a]pyrene	µg/l	<0.70 U	<10 U					
Benzo[ghi]perylene	µg/l	<10 U	<10 U					
Benzo[k]fluoranthene	µg/l	<0.80 U	<10 U					
Benzyl Alcohol	µg/l	<20 U	<19 U					
Benzyl Butyl Phthalate	µg/l	<10 U	<10 U					
Bis(2-chloroethoxy)methane	µg/l	<10 U	<10 U					
Bis(2-chloroethyl)ether	µg/l	<10 U	<10 U					
Bis(2-chloroisopropyl)ether	µg/l	<10 U	<10 U					
Bis(2-ethylhexyl)phthalate	µg/l	<7.0 U	<10 U					
Bromophenyl Phenyl Ether,4-	µg/l	<10 U	<10 U					
Butylamine,n-nitroso-di-n-	µg/l	<10 U	<10 U					

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-8S
	Sample ID	1642979	1837031	1839144	1839144	1839144	1839144	1642975
	Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
	Sample Time	11:50	14:35	12:45	12:45	12:45	12:45	09:37
	Sample Depth	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 21.0'
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN
	Lab. Number	A7I220134005	3126220	AEL99004845	AEL99004854	3154067	3154076	A7I220134001
Constituent	Units							
Carbazole	µg/L	<10 U						
Chloroaniline,4-	µg/l	<20 U	<10 U					
Chlorophenyl Phenyl Ether,4-	µg/l	<10 U	<10 U					
Chrysene	µg/l	<10 U	<10 U					
Cresol,2-	µg/l	<10 U	<10 U					
Cresol,3-	µg/L	<10 U						
Cresol,4-	µg/l	<10 U	<10 U					
Cresol,4-Chloro-m-	µg/l	<20 U	<10 U					
Di-n-butyl Phthalate	µg/l	<10 U	<10 U					
Di-n-octyl Phthalate	µg/l	<10 U	<10 U					
Dibenz[a,h]anthracene	µg/l	<10 U	<10 U					
Dibenzofuran	µg/l	<10 U	<10 U					
Dichloro-2-butylene,1,4-trans-	µg/l	<5.0 U	<50 U					<5.0 U
Diethyl Phthalate	µg/l	<10 U	<10 U					
Dimethyl Phthalate	µg/l	<10 U	<10 U					
Dimethylamine,n-nitroso-	µg/l	<10 U	<10 U					
Dimethylphenethylamine,alpha,alpha-	µg/L	<20 U						
Dinitro-o-cresol,4,6-	µg/l	<50 U	<24 U					
Dinitrotoluene,2,4-	µg/l	<10 U	<10 U					
Dinitrotoluene,2,6-	µg/l	<10 U	<10 U					
Diphenylamine	µg/L	<10 U						
Diphenylamine,n-nitroso-	µg/l	<10 U	<10 U					
Ethylamine,n-nitroso-	µg/l	<10 U	<10 U					
Ethylmethanesulfonate	µg/l	<10 U	<10 U					
Fluoranthene	µg/l	<10 U	<10 U					
Fluorene	µg/l	<10 U	<10 U					
Hexachlorobutadiene	µg/l	<10 U	<10 U					
Hexachloroethane	µg/l	<3.0 U	<10 U					

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-8S
	Sample ID	1642979	1837031	1839144	1839144	1839144	1839144	1642975
	Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
	Sample Time	11:50	14:35	12:45	12:45	12:45	12:45	09:37
	Sample Depth	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 21.0'
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN
	Lab. Number	A7I220134005	3126220	AEL99004845	AEL99004854	3154067	3154076	A7I220134001
Constituent	Units							
Hexachloropropylene	µg/l	<10 U	<10 U					
Indeno(1,2,3-cd)pyrene	µg/l	<10 U	<10 U					
Isophorone	µg/l	<10 U	<10 U					
Iosafrole	µg/l	<10 U	<10 U					
Methapyrilene	µg/l	<50 U	<10 U					
Methyl Methanesulfonate	µg/l	<10 U	<10 U					
Methylcholanthrene,3-	µg/l	<10 U	<10 U					
Methylethylamine,n-nitroso-	µg/l	<10 U	<10 U					
Morpholine,n-nitroso-	µg/l	<10 U	<10 U					
Naphthalene	µg/l	<10 U	<10 U					
Naphthalene,2-chloro-	µg/l	<10 U	<10 U					
Naphthalene,2-methyl-	µg/l	<10 U	<10 U					
Naphthoquinone,1,4-	µg/l	<50 U	<95 UJ					
Naphthylamine,alpha-	µg/l	<10 U	<10 UJ					
Naphthylamine,beta-	µg/l	<10 U	<10 U					
Nitro-o-toluidine,5-	µg/l	<10 U	<10 U					
Nitroaniline,2-	µg/l	<50 U	<10 U					
Nitroaniline,3-	µg/l	<50 U	<10 U					
Nitroaniline,4-	µg/l	<50 U	<10 U					
Nitroquinoline-1-oxide,4-	µg/l	<50 U	<95 UR					
Phenanthrene	µg/l	<0.80 U	<10 U					
Phenol	µg/l	<10 U	<10 U					
Phenol,2,3,4,6-tetrachloro-	µg/l	<10 U	<10 U					
Phenol,2,4,5-trichloro-	µg/l	<10 U	<10 U					
Phenol,2,4,6-trichloro-	µg/l	<10 U	<10 U					
Phenol,2,4-dichloro-	µg/l	<10 U	<10 U					
Phenol,2,4-dinitro-	µg/l	<50 U	<48 UJ					
Phenol,2,6-dichloro-	µg/l		<10 U					

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-8S
Sample ID	1642979	1837031	1839144	1839144	1839144	1839144	1839144	1642975
Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
Sample Time	11:50	14:35	12:45	12:45	12:45	12:45	12:45	09:37
Sample Depth	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 21.0'
Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN	
Lab. Number	A7I220134005	3126220	AEL99004845	AEL99004854	3154067	3154076		A7I220134001
Constituent	Units							
Phenol,2-chloro-	µg/l	<10 U	<10 U					
Phenol,2-nitro-	µg/l	<10 U	<10 U					
Phenol,4-nitro-	µg/l	<50 U	<48 U					
Phenol,pentachloro-	µg/l	<2.0 U	<24 U					
Phenylenediamine,1,4-	µg/l	<50 UJ	<190 UJ					
Picoline,2-	µg/l	<10 U	<10 U					
Piperidine,n-nitroso-	µg/l	<10 U	<10 U					
Pronamide	µg/l	<10 U	<10 U					
Propylamine,n-nitroso-n-	µg/l	<10 U	<10 U					
Pyrene	µg/l	<10 U	<10 U					
Pyridine	µg/l	<10 U	<10 U					
Pyrrolidine,n-nitroso-	µg/l	<10 U	<10 U					
Safrole	µg/l	<10 U	<10 U					
Toluidine,o-	µg/l	<10 U	<10 U					
Triethyl Phosphorothioate,o,o,o-	µg/l	<10 U	<10 U					
Xylenol,2,4-	µg/l	<10 U	<10 U					
Acetone	µg/l	<100 UR	<20 UR					<100 UR
Acetonitrile	µg/l		<100 UR					
Acrolein	µg/l	<20 UR	<100 UR					<20 UR
Acrylonitrile	µg/l	<20 UR	<50 U					<20 UR
Allyl Chloride	µg/l	<100 U	<5 U					<100 U
Benzene	µg/l	<1.0 UR	<5 U					<1.0 U
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l	<10 U	<10 U					
Benzene,1,2-dichloro-	µg/l	<10 U	<10 U					
Benzene,1,3-dichloro-	µg/l	<10 U	<10 U					
Benzene,1,4-dichloro-	µg/l	<10 U	<10 U					
Benzene,chloro-	µg/l	<5.0 U	<5 U					<5.0 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-8S
	Sample ID	1642979	1837031	1839144	1839144	1839144	1839144	1642975
	Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
	Sample Time	11:50	14:35	12:45	12:45	12:45	12:45	09:37
	Sample Depth	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 21.0'
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN
	Lab. Number	A7I220134005	3126220	AEL99004845	AEL99004854	3154067	3154076	A7I220134001
Constituent	Units							
Benzene,ethyl	µg/l	<5.0 UR	<5 U					<5.0 U
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l	<10 U	<10 U					
Benzene,pentachloronitro-	µg/l	<10 U	<10 U					
Bromoform	µg/l	<4.0 U	<5 U					<4.0 U
Carbon Disulfide	µg/l	<5.0 U	<5 U					<5.0 U
Carbon Tetrachloride	µg/l	<5.0 U	<5 U					<5.0 U
Chloroethane	µg/l	<10 U	<5 U					<10 U
Chloroform	µg/l	<5.0 U	<5 U					<5.0 U
Chloroprene,beta-	µg/l	<1.0 U	<5 UJ					<1.0 U
Dibromochloromethane	µg/l	<0.50 U	<5 U					<0.50 U
Dibromoethane,1,2-	µg/l	<0.50 U	<5 U					<0.50 U
Dibromomethane	µg/l	<5.0 U	<5 U					<5.0 U
Dichlorobromomethane	µg/l	<5.0 U	<5 U					<5.0 U
Dichlorodifluoromethane	µg/l	<5.0 U	<5 U					<5.0 U
Dichloroethane,1,1-	µg/l	<5.0 U	<5 U					<5.0 U
Dichloroethane,1,2-	µg/l	<1.0 U	<5 U					<1.0 U
Dichloroethylene,1,1-	µg/l	<1.0 U	<5 U					<1.0 U
Dichloroethylene,1,2-cis-	µg/l	<5.0 U	<5 U					<5.0 U
Dichloroethylene,1,2-trans-	µg/l	<5.0 U	<5 U					<5.0 U
Dichloropropane,1,2-	µg/l	<5.0 U	<5 U					<5.0 U
Dichloropropylene,1,3-, NOS	µg/l	<5.0 U						<5.0 U
Dichloropropylene,1,3-cis-	µg/l	<1.0 U	<5 U					<1.0 U
Dichloropropylene,1,3-trans-	µg/l	<1.0 U	<5 U					<1.0 U
Dioxane,1,4-	µg/l	<150 UR	<250 UR					<150 UR
Ethylmethacrylate	µg/l	<5.0 U	<5 U					<5.0 U
Hexanone,2-	µg/l	<100 U	<10 U					<100 U
Iodomethane	µg/l	<5.0 U	<5 U					<5.0 U

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-7S	RH-MW-8S
	Sample ID	1642979	1837031	1839144	1839144	1839144	1839144	1642975
	Sample Date	09/18/1997	04/07/1999	05/17/1999	05/17/1999	05/17/1999	05/17/1999	09/18/1997
	Sample Time	11:50	14:35	12:45	12:45	12:45	12:45	09:37
	Sample Depth	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 24.0'	12.0' - 21.0'
	Laboratory	QUAN	LANC	AEL	AEL	LANC	LANC	QUAN
	Lab. Number	A7I220134005	3126220	AEL99004845	AEL99004854	3154067	3154076	A7I220134001
Constituent	Units							
Isobutyl Alcohol	µg/l	<50 UR	<250 UR					<50 UR
Methacrylonitrile	µg/l	<5.0 U	<50 U					<5.0 U
Methyl Bromide	µg/l	<10 U	<5 U					<10 U
Methyl Chloride	µg/l	<10 U	<5 UJ					<10 U
Methyl Ethyl Ketone	µg/l	<100 U	<10 UR					<100 U
Methyl Methacrylate	µg/l	<5.0 U	<5 U					<5.0 U
Methyl-2-pentanone,4-	µg/l	<100 U	<10 U					<100 U
Methyl-tert-butyl Ether	µg/l	<5.0 U	<5 U					<5.0 U
Methylene Chloride	µg/l	<5.0 U	<5 U					<5.0 U
Pentachloroethane	µg/L	<10 U						
Propionitrile	µg/l	<5.0 UR	<100 UR					<5.0 UR
Styrene	µg/l	<5.0 UR	<5 U					<5.0 U
Tetrachloroethane,1,1,1,2-	µg/l	<1.0 U	<5 U					<1.0 U
Tetrachloroethane,1,1,2,2-	µg/l	<1.0 U	<5 U					<1.0 U
Tetrachloroethylene	µg/l	<5.0 U	2 J					<5.0 U
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l	<5.0 UR	<5 U					<5.0 U
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l	<5.0 U	<5 U					<5.0 U
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l	<5.0 U	<5 U					<5.0 U
Trichloroethylene	µg/l	<5.0 U	<5 U					<5.0 U
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l	<5.0 U	<5 U					<5.0 U
Trichloropropane,1,2,3-	µg/l	<5.0 U	<5 U					<5.0 U
Vinyl Acetate	µg/l	<5.0 U	<10 U					<5.0 U
Vinyl Chloride	µg/l	<2.0 U	<5 U					<2.0 U
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-9S	RH-MW-9S
Sample ID	1837026	1839132	1839132	1839132	1839132	1839132	1642984	1837027
Sample Date	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	09/18/1997	04/07/1999
Sample Time	11:15	09:40	09:40	09:40	09:40	09:40	15:10	10:50
Sample Depth	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	15.0' - 24.0'	15.0' - 24.0'
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC	LANC
Lab. Number	3126215	AEL99004798	AEL99004804	3152934	3152964	A71220134010	3126216	
Constituent	Units							
Depth of Well	FT		23.01	23.01	23.01	23.01	27.00	
Depth to Water	FT		19.23	19.23	19.23	19.23	24.70	
Specific Conductivity (field)	µmhos	373	177.5	177.5	177.5	177.5	1102	486
Water Elevation	FT		6.01	6.01	6.01	6.01	4.38	
pH (field)	SU	6.41	6.63	6.63	6.63	6.63	4.16	4.80
Date Metals Analyzed	-	04/14/1999	05/14/1999	05/18/1999	05/20/1999	05/23/1999	09/25/1997	04/14/1999
Date Organics Analyzed	-	04/13/1999					09/29/1997	04/13/1999
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	04/16/1999			05/20/1999			
Date Semi-volatile Organics Analyzed	-							
Diallate	µg/l							
Dinoseb	µg/L							
Arsenic	mg/L	<0.010 U				<0.0100 U	<0.0100 U	<0.010 U
Arsenic (Unfiltered)	mg/L					<0.0100 U		
Barium	mg/L	0.0441 J				0.0366 B	<0.2 U	0.0130 J
Barium (Unfiltered)	mg/L				0.0428 B			
Beryllium	mg/L					<0.0100 U		
Beryllium (Unfiltered)	mg/L					<0.0100 U		
Cadmium	mg/L	<0.0015 U				<0.00050 U	<0.0050 U	<0.0015 U
Cadmium (Unfiltered)	mg/L					<0.00050 U		
Chromium	mg/L	<0.030 U		<0.010			<0.0100 U	<0.030 U
Chromium (Unfiltered)	mg/L		<0.010					
Chromium(VI)	mg/L		<0.010					
Cobalt	mg/L							
Copper	mg/L					<0.0250 U		
Copper (Unfiltered)	mg/L				<0.0250 U			
Lead	mg/L	<0.0030 UJ				<0.0030 U	<0.0030 U	<0.0030 UJ
Lead (Unfiltered)	mg/L				<0.0030 U			

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-9S	RH-MW-9S
Sample ID	1837026	1839132	1839132	1839132	1839132	1839132	1642984	1837027
Sample Date	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	09/18/1997	04/07/1999
Sample Time	11:15	09:40	09:40	09:40	09:40	09:40	15:10	10:50
Sample Depth	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	15.0' - 24.0'	15.0' - 24.0'
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC	
Lab. Number	3126215	AEL99004798	AEL99004804	3152934	3152964	A7I220134010	3126216	
Constituent	Units							
Mercury	mg/L	<0.00020 U				<0.00020 U	<0.00020 U	<0.00020 U
Mercury (Unfiltered)	mg/L				<0.00020 U			
Nickel	mg/L	<0.050 U				<0.0500 U	<0.0400 U	0.0062 J
Nickel (Unfiltered)	mg/L				<0.0500 U			
Selenium	mg/L	<0.0050 U				0.0113 N	<0.0050 U	<0.0050 U
Selenium (Unfiltered)	mg/L				<0.0050 U			
Silver	mg/L	<0.020 U				<0.0200 U	<0.0100 U	<0.020 U
Silver (Unfiltered)	mg/L				<0.0200 U			
Sodium	mg/L							
Titanium	mg/L						<0.0500 U	
Zinc	mg/L	0.0084 J				0.0107 B	0.153	0.032
Zinc (Unfiltered)	mg/L				0.0108 B			
Acetylaminofluorene,2-	µg/l							
Aramite	µg/L							
Benzene,hexachloro-	µg/l							
Chlorobenzilate	µg/l							
Dibromo-3-chloropropane,1,2-	µg/l	<5 U					<5.0 U	<5 U
Dimethoate	µg/l							
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l							
Isodrin	µg/l							
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l							
Thionazin	µg/l							
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l				<0.0050 U			
Total Petroleum Hydrocarbons	mg/l	0.37 JU						

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-9S	RH-MW-9S
	Sample ID	1837026	1839132	1839132	1839132	1839132	1642984	1837027
	Sample Date	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	09/18/1997	04/07/1999
	Sample Time	11:15	09:40	09:40	09:40	09:40	15:10	10:50
	Sample Depth	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	15.0' - 24.0'	15.0' - 24.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC
	Lab. Number	3126215	AEL99004798	AEL99004804	3152934	3152964	A7I220134010	3126216
Constituent	Units							
Acenaphthene	µg/l							
Acenaphthylene	µg/l							
Acetophenetidide,p-	µg/l							
Acetophenone	µg/l							
Aminobiphenyl,4-	µg/l							
Aniline	µg/l							
Anthracene	µg/l							
Azobenzene,4-dimethylamino-	µg/l							
Benz[a]anthracene	µg/l							
Benz[a]anthracene,7,12-dimethyl-	µg/l							
Benz[e]acephenanthrylene	µg/l							
Benzene,1,2,4,5-tetrachloro-	µg/l							
Benzene,1,3,5-trinitro-	µg/l							
Benzene,1,3-dinitro-	µg/l							
Benzene,nitro-	µg/l							
Benzidine,3,3'-dichloro-	µg/l							
Benzidine,3,3'-dimethyl-	µg/l							
Benzo[a]pyrene	µg/l							
Benzo[ghi]perylene	µg/l							
Benzo[k]fluoranthene	µg/l							
Benzyl Alcohol	µg/l							
Benzyl Butyl Phthalate	µg/l							
Bis(2-chloroethoxy)methane	µg/l							
Bis(2-chloroethyl)ether	µg/l							
Bis(2-chloroisopropyl)ether	µg/l							
Bis(2-ethylhexyl)phthalate	µg/l							
Bromophenyl Phenyl Ether,4-	µg/l							
Butylamine,n-nitroso-di-n-	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-9S	RH-MW-9S
Sample ID	1837026	1839132	1839132	1839132	1839132	1642984	1837027	
Sample Date	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	09/18/1997	04/07/1999	
Sample Time	11:15	09:40	09:40	09:40	09:40	15:10	10:50	
Sample Depth	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	15.0' - 24.0'	15.0' - 24.0'	
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC	
Lab. Number	3126215	AEL99004798	AEL99004804	3152934	3152964	A7I220134010	3126216	
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l							
Chlorophenyl Phenyl Ether,4-	µg/l							
Chrysene	µg/l							
Cresol,2-	µg/l							
Cresol,3-	µg/L							
Cresol,4-	µg/l							
Cresol,4-Chloro-m-	µg/l							
Di-n-butyl Phthalate	µg/l							
Di-n-octyl Phthalate	µg/l							
Dibenz[a,h]anthracene	µg/l							
Dibenzo-furan	µg/l							
Dichloro-2-butylene,1,4-trans-	µg/l	<50 U				<5.0 U	<50 U	
Diethyl Phthalate	µg/l							
Dimethyl Phthalate	µg/l							
Dimethylamine,n-nitroso-	µg/l							
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l							
Dinitrotoluene,2,4-	µg/l							
Dinitrotoluene,2,6-	µg/l							
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l							
Ethylamine,n-nitroso-	µg/l							
Ethylmethanesulfonate	µg/l							
Fluoranthene	µg/l							
Fluorene	µg/l							
Hexachlorobutadiene	µg/l							
Hexachloroethane	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-9S	RH-MW-9S
	Sample ID	1837026	1839132	1839132	1839132	1839132	1642984	1837027
	Sample Date	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	09/18/1997	04/07/1999
	Sample Time	11:15	09:40	09:40	09:40	09:40	15:10	10:50
	Sample Depth	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	15.0' - 24.0'	15.0' - 24.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC
	Lab. Number	3126215	AEL99004798	AEL99004804	3152934	3152964	A7I220134010	3126216
Constituent	Units							
Hexachloropropylene	µg/l							
Indeno(1,2,3-cd)pyrene	µg/l							
Isophorone	µg/l							
Isosafrole	µg/l							
Methapyrilene	µg/l							
Methyl Methanesulfonate	µg/l							
Methylcholanthrene,3-	µg/l							
Methylethylamine,n-nitroso-	µg/l							
Morpholine,n-nitroso-	µg/l							
Naphthalene	µg/l							
Naphthalene,2-chloro-	µg/l							
Naphthalene,2-methyl-	µg/l							
Naphthoquinone,1,4-	µg/l							
Naphthylamine,alpha-	µg/l							
Naphthylamine,beta-	µg/l							
Nitro-o-toluidine,5-	µg/l							
Nitroaniline,2-	µg/l							
Nitroaniline,3-	µg/l							
Nitroaniline,4-	µg/l							
Nitroquinoline-1-oxide,4-	µg/l							
Phenanthrene	µg/l							
Phenol	µg/l							
Phenol,2,3,4,6-tetrachloro-	µg/l							
Phenol,2,4,5-trichloro-	µg/l							
Phenol,2,4,6-trichloro-	µg/l							
Phenol,2,4-dichloro-	µg/l							
Phenol,2,4-dinitro-	µg/l							
Phenol,2,6-dichloro-	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-9S	RH-MW-9S
	Sample ID	1837026	1839132	1839132	1839132	1839132	1642984	1837027
	Sample Date	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	09/18/1997	04/07/1999
	Sample Time	11:15	09:40	09:40	09:40	09:40	15:10	10:50
	Sample Depth	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	15.0' - 24.0'	15.0' - 24.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC
	Lab. Number	3126215	AEL99004798	AEL99004804	3152934	3152964	A7I220134010	3126216
Constituent	Units							
Phenol,2-chloro-	µg/l							
Phenol,2-nitro-	µg/l							
Phenol,4-nitro-	µg/l							
Phenol,pentachloro-	µg/l							
Phenylenediamine,1,4-	µg/l							
Picoline,2-	µg/l							
Piperidine,n-nitroso-	µg/l							
Pronamide	µg/l							
Propylamine,n-nitroso-n-	µg/l							
Pyrene	µg/l							
Pyridine	µg/l							
Pyrrolidine,n-nitroso-	µg/l							
Safrole	µg/l							
Toluidine,o-	µg/l							
Triethyl Phosphorothioate,o,o,o-	µg/l							
Xylenol,2,4-	µg/l							
Acetone	µg/l	<20 UR				<100 UR	<20 UR	
Acetonitrile	µg/l	<100 UR					<100 UR	
Acrolein	µg/l	<100 UR					<20 UR	<100 UR
Acrylonitrile	µg/l	<50 U					<20 UR	<50 U
Allyl Chloride	µg/l	<5 U					<100 U	<5 U
Benzene	µg/l	<5 U					<1.0 U	<5 U
Benzene (screening)	µg/L							
Benzene,1,2,4-trichloro-	µg/l							
Benzene,1,2-dichloro-	µg/l							
Benzene,1,3-dichloro-	µg/l							
Benzene,1,4-dichloro-	µg/l						<5.0 U	<5 U
Benzene,chloro-	µg/l	<5 U						

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-9S	RH-MW-9S
Sample ID	1837026	1839132	1839132	1839132	1839132	1642984	1837027	
Sample Date	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	09/18/1997		04/07/1999
Sample Time	11:15	09:40	09:40	09:40	09:40	15:10		10:50
Sample Depth	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	15.0' - 24.0'		15.0' - 24.0'
Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN		LANC
Lab. Number	3126215	AEL99004798	AEL99004804	3152934	3152964	A7I220134010		3126216
Constituent	Units							
Benzene,ethyl	µg/l	<5 U				<5.0 U		<5 U
Benzene,ethyl (screening)	µg/L							
Benzene,pentachloro-	µg/l							
Benzene,pentachloronitro-	µg/l							
Bromoform	µg/l	<5 U				<4.0 U		<5 U
Carbon Disulfide	µg/l	<5 U				<5.0 U		<5 U
Carbon Tetrachloride	µg/l	<5 U				<5.0 U		<5 U
Chloroethane	µg/l	<5 U				<10 U		<5 U
Chloroform	µg/l	<5 U				<5.0 U		<5 U
Chloroprene,beta-	µg/l	<5 UJ				<1.0 U		<5 UJ
Dibromochloromethane	µg/l	<5 U				<0.50 U		<5 U
Dibromoethane,1,2-	µg/l	<5 U				<0.50 U		<5 U
Dibromomethane	µg/l	<5 U				<5.0 U		<5 U
Dichlorobromomethane	µg/l	<5 U				<5.0 U		<5 U
Dichlorodifluoromethane	µg/l	<5 U				<5.0 U		<5 U
Dichloroethane,1,1-	µg/l	<5 U				<5.0 U		<5 U
Dichloroethane,1,2-	µg/l	<5 U				<1.0 U		<5 U
Dichloroethylene,1,1-	µg/l	<5 U				<1.0 U		<5 U
Dichloroethylene,1,2-cis-	µg/l	<5 U				<5.0 U		<5 U
Dichloroethylene,1,2-trans-	µg/l	<5 U				<5.0 U		<5 U
Dichloropropane,1,2-	µg/l	<5 U				<5.0 U		<5 U
Dichloropropylene,1,3-, NOS	µg/l					<5.0 U		
Dichloropropylene,1,3-cis-	µg/l	<5 U				<1.0 U		<5 U
Dichloropropylene,1,3-trans-	µg/l	<5 U				<1.0 U		<5 U
Dioxane,1,4-	µg/l	<250 UR				<150 UR		<250 UR
Ethylmethacrylate	µg/l	<5 U				<5.0 U		<5 U
Hexanone,2-	µg/l	<10 U				<100 U		<10 U
Iodomethane	µg/l	<5 U				<5.0 U		<5 U

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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-8S	RH-MW-9S	RH-MW-9S
	Sample ID	1837026	1839132	1839132	1839132	1839132	1642984	1837027
	Sample Date	04/07/1999	05/14/1999	05/14/1999	05/14/1999	05/14/1999	09/18/1997	04/07/1999
	Sample Time	11:15	09:40	09:40	09:40	09:40	15:10	10:50
	Sample Depth	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	12.0' - 21.0'	15.0' - 24.0'	15.0' - 24.0'
	Laboratory	LANC	AEL	AEL	LANC	LANC	QUAN	LANC
	Lab. Number	3126215	AEL99004798	AEL99004804	3152934	3152964	A7I220134010	3126216
Constituent	Units							
Isobutyl Alcohol	µg/l	<250 UR					<50 UR	<250 UR
Methacrylonitrile	µg/l	<50 U					<5.0 U	<50 U
Methyl Bromide	µg/l	<5 U					<10 U	<5 U
Methyl Chloride	µg/l	<5 UJ					<10 U	<5 UJ
Methyl Ethyl Ketone	µg/l	<10 UR					<100 U	<10 UR
Methyl Methacrylate	µg/l	<5 U					<5.0 U	<5 U
Methyl-2-pentanone,4-	µg/l	<10 U					<100 U	<10 U
Methyl-tert-butyl Ether	µg/l	<5 U					<5.0 U	<5 U
Methylene Chloride	µg/l	<5 U					<5.0 U	<5 U
Pentachloroethane	µg/L							
Propionitrile	µg/l	<100 UR					<5.0 UR	<100 UR
Styrene	µg/l	<5 U					<5.0 U	<5 U
Tetrachloroethane,1,1,1,2-	µg/l	<5 U					<1.0 U	<5 U
Tetrachloroethane,1,1,2,2-	µg/l	<5 U					<1.0 U	<5 U
Tetrachloroethylene	µg/l	<5 U					<5.0 U	<5 U
Tetrachloroethylene (screening)	µg/L							
Toluene	µg/l	<5 U					<5.0 U	<5 U
Toluene (screening)	µg/L							
Trichloroethane,1,1,1-	µg/l	<5 U					<5.0 U	<5 U
Trichloroethane,1,1,1- (screening)	µg/L							
Trichloroethane,1,1,2-	µg/l	<5 U					<5.0 U	<5 U
Trichloroethylene	µg/l	<5 U					<5.0 U	<5 U
Trichloroethylene (screening)	µg/L							
Trichloromonofluoromethane	µg/l	<5 U					<5.0 U	<5 U
Trichloropropane,1,2,3-	µg/l	<5 U					<5.0 U	<5 U
Vinyl Acetate	µg/l	<10 U					<5.0 U	<10 U
Vinyl Chloride	µg/l	<5 U					<2.0 U	<5 U
Xylene,o- (screening)	µg/L							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-SB-35	RH-SB-35	RH-SB-35
Sample ID	1839133	1839133	1839133	1839133	1949030	1949030	1949030	1949030
Sample Date	05/14/1999	05/14/1999	05/14/1999	05/14/1999	12/20/1999	12/20/1999	12/20/1999	12/20/1999
Sample Time	10:30	10:30	10:30	10:30	10:45	10:45	10:45	10:45
Sample Depth	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	24' - 28'	24' - 28'	24' - 28'	24' - 28'
Laboratory	AEL	AEL	LANC	LANC	LEA	QUAN	QUAN	QUAN
Lab. Number	AEL99004799	AEL99004805	3152935	3152965	96000067	A9L210197002	A9L210197002R	
Constituent	Units							
Depth of Well	FT	27.01	27.01	27.01	27.01			
Depth to Water	FT	23.13	23.13	23.13	23.13			
Specific Conductivity (field)	µmhos	184.2	184.2	184.2	184.2			
Water Elevation	FT	5.95	5.95	5.95	5.95			
pH (field)	SU	4.97	4.97	4.97	4.97			
Date Metals Analyzed	-	05/14/1999	05/18/1999	05/20/1999	05/23/1999		12/22/1999	01/04/2000
Date Organics Analyzed	-					12/22/1999	12/27/1999	
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-			05/20/1999			01/03/2000	
Date Semi-volatile Organics Analyzed	-							
Diallate	µg/l							
Dinoseb	µg/L							
Arsenic	mg/L				<0.0100 U		0.0194	
Arsenic (Unfiltered)	mg/L				<0.0100 U			
Barium	mg/L				0.0140 B		1.28	
Barium (Unfiltered)	mg/L			0.0146 B				
Beryllium	mg/L				<0.0100 U			
Beryllium (Unfiltered)	mg/L				<0.0100 U			
Cadmium	mg/L				<0.00050 U		<0.0050 U	
Cadmium (Unfiltered)	mg/L				<0.00050 U			
Chromium	mg/L		<0.010				0.267	
Chromium (Unfiltered)	mg/L	<0.010						
Chromium(VI)	mg/L	<0.010						
Cobalt	mg/L						0.0802	
Copper	mg/L				<0.0250 U			
Copper (Unfiltered)	mg/L			0.0084 B				
Lead	mg/L				<0.0030 U		0.0492	
Lead (Unfiltered)	mg/L				<0.0030 U			

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
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	Location ID	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-SB-35	RH-SB-35	RH-SB-35
	Sample ID	1839133	1839133	1839133	1839133	1949030	1949030	1949030
	Sample Date	05/14/1999	05/14/1999	05/14/1999	05/14/1999	12/20/1999	12/20/1999	12/20/1999
	Sample Time	10:30	10:30	10:30	10:30	10:45	10:45	10:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	24' - 28'	24' - 28'	24' - 28'
	Laboratory	AEL	AEL	LANC	LANC	LEA	QUAN	QUAN
	Lab. Number	AEL99004799	AEL99004805	3152935	3152965	96000067	A9L210197002	A9L210197002R
Constituent	Units							
Mercury	mg/L				<0.00020 U		<0.00020 U	
Mercury (Unfiltered)	mg/L			<0.00020 U				
Nickel	mg/L				0.0059 B		0.158	
Nickel (Unfiltered)	mg/L			0.0062 B				
Selenium	mg/L				<0.0050 UN		<0.0050 U	
Selenium (Unfiltered)	mg/L			<0.0050 U				
Silver	mg/L				<0.0200 U		<0.0050 U	
Silver (Unfiltered)	mg/L			0.0079 B				
Sodium	mg/L							
Titanium	mg/L							
Zinc	mg/L				0.0304 E			0.746
Zinc (Unfiltered)	mg/L			0.0221 B				
Acetylaminofluorene,2-	µg/l							
Aramite	µg/L							
Benzene,hexachloro-	µg/l							
Chlorobenzilate	µg/l							
Dibromo-3-chloropropane,1,2-	µg/l							
Dimethoate	µg/l							
Disulfoton	µg/L							
Famphur	µg/L							
Hexachlorocyclopentadiene	µg/l							
Isodrin	µg/l							
Phorate	µg/L							
Tetraethyl Dithiopyrophosphate	µg/l							
Thionazin	µg/l							
Chloride	mg/L							
Cyanide (Unfiltered)	mg/l			<0.0050 U				
Total Petroleum Hydrocarbons	mg/l						89	

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-SB-35	RH-SB-35	RH-SB-35
	Sample ID	1839133	1839133	1839133	1839133	1949030	1949030	1949030
	Sample Date	05/14/1999	05/14/1999	05/14/1999	05/14/1999	12/20/1999	12/20/1999	12/20/1999
	Sample Time	10:30	10:30	10:30	10:30	10:45	10:45	10:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	24' - 28'	24' - 28'	24' - 28'
	Laboratory	AEL	AEL	LANC	LANC	LEA	QUAN	QUAN
	Lab. Number	AEL99004799	AEL99004805	3152935	3152965	96000067	A9L210197002	A9L210197002R
Constituent	Units							
Acenaphthene	µg/l							
Acenaphthylene	µg/l							
Acetophenetidide,p-	µg/l							
Acetophenone	µg/l							
Aminobiphenyl,4-	µg/l							
Aniline	µg/l							
Anthracene	µg/l							
Azobenzene,4-dimethylamino-	µg/l							
Benz[a]anthracene	µg/l							
Benz[a]anthracene,7,12-dimethyl-	µg/l							
Benz[e]acephenanthrylene	µg/l							
Benzene,1,2,4,5-tetrachloro-	µg/l							
Benzene,1,3,5-trinitro-	µg/l							
Benzene,1,3-dinitro-	µg/l							
Benzene,nitro-	µg/l							
Benzidine,3,3'-dichloro-	µg/l							
Benzidine,3,3'-dimethyl-	µg/l							
Benzo[a]pyrene	µg/l							
Benzo[ghi]perylene	µg/l							
Benzo[k]fluoranthene	µg/l							
Benzyl Alcohol	µg/l							
Benzyl Butyl Phthalate	µg/l							
Bis(2-chloroethoxy)methane	µg/l							
Bis(2-chloroethyl)ether	µg/l							
Bis(2-chloroisopropyl)ether	µg/l							
Bis(2-ethylhexyl)phthalate	µg/l							
Bromophenyl Phenyl Ether,4-	µg/l							
Butylamine,n-nitroso-di-n-	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-SB-35	RH-SB-35	RH-SB-35
Sample ID	1839133	1839133	1839133	1839133	1949030	1949030	1949030	1949030
Sample Date	05/14/1999	05/14/1999	05/14/1999	05/14/1999	12/20/1999	12/20/1999	12/20/1999	12/20/1999
Sample Time	10:30	10:30	10:30	10:30	10:45	10:45	10:45	10:45
Sample Depth	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	24' - 28'	24' - 28'	24' - 28'	24' - 28'
Laboratory	AEL	AEL	LANC	LANC	LEA	QUAN	QUAN	QUAN
Lab. Number	AEL99004799	AEL99004805	3152935	3152965	96000067	A9L210197002	A9L210197002R	
Constituent	Units							
Carbazole	µg/L							
Chloroaniline,4-	µg/l							
Chlorophenyl Phenyl Ether,4-	µg/l							
Chrysene	µg/l							
Cresol,2-	µg/l							
Cresol,3-	µg/L							
Cresol,4-	µg/l							
Cresol,4-Chloro-m-	µg/l							
Di-n-butyl Phthalate	µg/l							
Di-n-octyl Phthalate	µg/l							
Dibenz[a,h]anthracene	µg/l							
Dibenzofuran	µg/l							
Dichloro-2-butylene,1,4-trans-	µg/l							
Diethyl Phthalate	µg/l							
Dimethyl Phthalate	µg/l							
Dimethylamine,n-nitroso-	µg/l							
Dimethylphenethylamine,alpha,alpha-	µg/L							
Dinitro-o-cresol,4,6-	µg/l							
Dinitrotoluene,2,4-	µg/l							
Dinitrotoluene,2,6-	µg/l							
Diphenylamine	µg/L							
Diphenylamine,n-nitroso-	µg/l							
Ethylamine,n-nitroso-	µg/l							
Ethylmethanesulfonate	µg/l							
Fluoranthene	µg/l							
Fluorene	µg/l							
Hexachlorobutadiene	µg/l							
Hexachloroethane	µg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-SB-35	RH-SB-35	RH-SB-35
Sample ID	1839133	1839133	1839133	1839133	1949030	1949030	1949030	1949030
Sample Date	05/14/1999	05/14/1999	05/14/1999	05/14/1999	12/20/1999	12/20/1999	12/20/1999	12/20/1999
Sample Time	10:30	10:30	10:30	10:30	10:45	10:45	10:45	10:45
Sample Depth	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	24' - 28'	24' - 28'	24' - 28'	24' - 28'
Laboratory	AEL	AEL	LANC	LANC	LEA	QUAN	QUAN	QUAN
Lab. Number	AEL99004799	AEL99004805	3152935	3152965	96000067	A9L210197002	A9L210197002R	
Constituent	Units							
Hexachloropropylene	µg/l							
Indeno(1,2,3-cd)pyrene	µg/l							
Isophorone	µg/l							
Isosafrole	µg/l							
Methapyrilene	µg/l							
Methyl Methanesulfonate	µg/l							
Methylcholanthrene,3-	µg/l							
Methylethylamine,n-nitroso-	µg/l							
Morpholine,n-nitroso-	µg/l							
Naphthalene	µg/l							
Naphthalene,2-chloro-	µg/l							
Naphthalene,2-methyl-	µg/l							
Naphthoquinone,1,4-	µg/l							
Naphthylamine,alpha-	µg/l							
Naphthylamine,beta-	µg/l							
Nitro-o-toluidine,5-	µg/l							
Nitroaniline,2-	µg/l							
Nitroaniline,3-	µg/l							
Nitroaniline,4-	µg/l							
Nitroquinoline-1-oxide,4-	µg/l							
Phenanthrene	µg/l							
Phenol	µg/l							
Phenol,2,3,4,6-tetrachloro-	µg/l							
Phenol,2,4,5-trichloro-	µg/l							
Phenol,2,4,6-trichloro-	µg/l							
Phenol,2,4-dichloro-	µg/l							
Phenol,2,4-dinitro-	µg/l							
Phenol,2,6-dichloro-	µg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-SB-35	RH-SB-35	RH-SB-35
	Sample ID	1839133	1839133	1839133	1839133	1949030	1949030	1949030
	Sample Date	05/14/1999	05/14/1999	05/14/1999	05/14/1999	12/20/1999	12/20/1999	12/20/1999
	Sample Time	10:30	10:30	10:30	10:30	10:45	10:45	10:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	24' - 28'	24' - 28'	24' - 28'
	Laboratory	AEL	AEL	LANC	LANC	LEA	QUAN	QUAN
	Lab. Number	AEL99004799	AEL99004805	3152935	3152965	96000067	A9L210197002	A9L210197002R
Constituent	Units							
Phenol,2-chloro-	µg/l							
Phenol,2-nitro-	µg/l							
Phenol,4-nitro-	µg/l							
Phenol,pentachloro-	µg/l							
Phenylenediamine,1,4-	µg/l							
Picoline,2-	µg/l							
Piperidine,n-nitroso-	µg/l							
Pronamide	µg/l							
Propylamine,n-nitroso-n-	µg/l							
Pyrene	µg/l							
Pyridine	µg/l							
Pyrrolidine,n-nitroso-	µg/l							
Safrole	µg/l							
Toluidine,o-	µg/l							
Triethyl Phosphorothioate,o,o,o-	µg/l							
Xylenol,2,4-	µg/l							
Acetone	µg/l					<100 U		
Acetonitrile	µg/l							
Acrolein	µg/l							
Acrylonitrile	µg/l							
Allyl Chloride	µg/l							
Benzene	µg/l					<1.0 U		
Benzene (screening)	µg/L					<2.5		
Benzene,1,2,4-trichloro-	µg/l							
Benzene,1,2-dichloro-	µg/l							
Benzene,1,3-dichloro-	µg/l							
Benzene,1,4-dichloro-	µg/l							
Benzene,chloro-	µg/l					<5.0 U		

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-SB-35	RH-SB-35	RH-SB-35
	Sample ID	1839133	1839133	1839133	1839133	1949030	1949030	1949030
	Sample Date	05/14/1999	05/14/1999	05/14/1999	05/14/1999	12/20/1999	12/20/1999	12/20/1999
	Sample Time	10:30	10:30	10:30	10:30	10:45	10:45	10:45
	Sample Depth	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	24' - 28'	24' - 28'	24' - 28'
	Laboratory	AEL	AEL	LANC	LANC	LEA	QUAN	QUAN
	Lab. Number	AEL99004799	AEL99004805	3152935	3152965	96000067	A9L210197002	A9L210197002R
Constituent	Units							
Benzene,ethyl	µg/l					<5.0 U		
Benzene,ethyl (screening)	µg/L					<5.0		
Benzene,pentachloro-	µg/l							
Benzene,pentachloronitro-	µg/l							
Bromoform	µg/l					<4.0 U		
Carbon Disulfide	µg/l					<5.0 U		
Carbon Tetrachloride	µg/l					<5.0 U		
Chloroethane	µg/l					<10 U		
Chloroform	µg/l					<5.0 U		
Chloroprene,beta-	µg/l							
Dibromochloromethane	µg/l					<0.50 U		
Dibromoethane,1,2-	µg/l							
Dibromomethane	µg/l							
Dichlorobromomethane	µg/l					<5.0 U		
Dichlorodifluoromethane	µg/l							
Dichloroethane,1,1-	µg/l					<5.0 U		
Dichloroethane,1,2-	µg/l					<1.0 U		
Dichloroethylene,1,1-	µg/l					<1.0 U		
Dichloroethylene,1,2-cis-	µg/l					<5.0 U		
Dichloroethylene,1,2-trans-	µg/l					<5.0 U		
Dichloropropane,1,2-	µg/l					<5.0 U		
Dichloropropylene,1,3-, NOS	µg/l					<0.50 U		
Dichloropropylene,1,3-cis-	µg/l							
Dichloropropylene,1,3-trans-	µg/l							
Dioxane,1,4-	µg/l							
Ethylmethacrylate	µg/l							
Hexanone,2-	µg/l					<50 U		
Iodomethane	µg/l							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-MW-9S	RH-SB-35	RH-SB-35	RH-SB-35
Sample ID	1839133	1839133	1839133	1839133	1949030	1949030	1949030	1949030
Sample Date	05/14/1999	05/14/1999	05/14/1999	05/14/1999	12/20/1999	12/20/1999	12/20/1999	12/20/1999
Sample Time	10:30	10:30	10:30	10:30	10:45	10:45	10:45	10:45
Sample Depth	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	15.0' - 24.0'	24' - 28'	24' - 28'	24' - 28'	24' - 28'
Laboratory	AEL	AEL	LANC	LANC	LEA	QUAN	QUAN	QUAN
Lab. Number	AEL99004799	AEL99004805	3152935	3152965	96000067	A9L210197002	A9L210197002R	
Constituent	Units							
Isobutyl Alcohol	µg/l							
Methacrylonitrile	µg/l							
Methyl Bromide	µg/l					<10 U		
Methyl Chloride	µg/l					<10 U		
Methyl Ethyl Ketone	µg/l					<100 U		
Methyl Methacrylate	µg/l							
Methyl-2-pentanone,4-	µg/l					<5.0 U		
Methyl-tert-butyl Ether	µg/l							
Methylene Chloride	µg/l					<5.0 U		
Pentachloroethane	µg/L							
Propionitrile	µg/l							
Styrene	µg/l					<5.0 U		
Tetrachloroethane,1,1,1,2-	µg/l							
Tetrachloroethane,1,1,2,2-	µg/l					<0.50 U		
Tetrachloroethylene	µg/l					<5.0 U		
Tetrachloroethylene (screening)	µg/L				<2.5			
Toluene	µg/l					<5.0 U		
Toluene (screening)	µg/L				<5.0			
Trichloroethane,1,1,1-	µg/l					<5.0 U		
Trichloroethane,1,1,1- (screening)	µg/L				<50			
Trichloroethane,1,1,2-	µg/l					<5.0 U		
Trichloroethylene	µg/l					<5.0 U		
Trichloroethylene (screening)	µg/L				<5.0			
Trichloromonofluoromethane	µg/l							
Trichloropropane,1,2,3-	µg/l							
Vinyl Acetate	µg/l							
Vinyl Chloride	µg/l					<2.0 U		
Xylene,o- (screening)	µg/L				<5.0			

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: I. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-SB-35									
	Sample ID	1949035									
	Sample Date	12/23/1999									
	Sample Time	11:15									
	Sample Depth	83' - 87'									
	Laboratory	QUAN									
	Lab. Number	A9L280164001									
Constituent	Units										
Depth of Well	FT										
Depth to Water	FT										
Specific Conductivity (field)	µmhos										
Water Elevation	FT										
pH (field)	SU										
Date Metals Analyzed	-	01/03/2000									
Date Organics Analyzed	-	01/03/2000									
Date Pesticides/Herbicides Analyzed	-										
Date Physical Analyzed	-	01/18/2000									
Date Semi-volatile Organics Analyzed	-										
Diallate	µg/l										
Dinoseb	µg/L										
Arsenic	mg/L	<0.0040 U									
Arsenic (Unfiltered)	mg/L										
Barium	mg/L	<0.2 U									
Barium (Unfiltered)	mg/L										
Beryllium	mg/L										
Beryllium (Unfiltered)	mg/L										
Cadmium	mg/L	<0.0050 U									
Cadmium (Unfiltered)	mg/L										
Chromium	mg/L	<0.0100 U									
Chromium (Unfiltered)	mg/L										
Chromium(VI)	mg/L										
Cobalt	mg/L	<0.0070 U									
Copper	mg/L										
Copper (Unfiltered)	mg/L										
Lead	mg/L	<0.0030 U									
Lead (Unfiltered)	mg/L										

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-SB-35							
	Sample ID	1949035							
	Sample Date	12/23/1999							
	Sample Time	11:15							
	Sample Depth	83' - 87'							
	Laboratory	QUAN							
	Lab. Number	A9L280164001							
Constituent	Units								
Mercury	mg/L	<0.00020 U							
Mercury (Unfiltered)	mg/L								
Nickel	mg/L	<0.0400 U							
Nickel (Unfiltered)	mg/L								
Selenium	mg/L	<0.0050 U							
Selenium (Unfiltered)	mg/L								
Silver	mg/L	<0.0050 U							
Silver (Unfiltered)	mg/L								
Sodium	mg/L								
Titanium	mg/L								
Zinc	mg/L	0.0259							
Zinc (Unfiltered)	mg/L								
Acetylaminofluorene,2-	µg/l								
Aramite	µg/L								
Benzene,hexachloro-	µg/l								
Chlorobenzilate	µg/l								
Dibromo-3-chloropropane,1,2-	µg/l								
Dimethoate	µg/l								
Disulfoton	µg/L								
Famphur	µg/L								
Hexachlorocyclopentadiene	µg/l								
Isodrin	µg/l								
Phorate	µg/L								
Tetraethyl Dithiopyrophosphate	µg/l								
Thionazin	µg/l								
Chloride	mg/L								
Cyanide (Unfiltered)	mg/l								
Total Petroleum Hydrocarbons	mg/l	<1.1 U							

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-SB-35							
	Sample ID	1949035							
	Sample Date	12/23/1999							
	Sample Time	11:15							
	Sample Depth	83' - 87'							
	Laboratory	QUAN							
	Lab. Number	A9L280164001							
Constituent	Units								
Acenaphthene	µg/l								
Acenaphthylene	µg/l								
Acetophenetidide,p-	µg/l								
Acetophenone	µg/l								
Aminobiphenyl,4-	µg/l								
Aniline	µg/l								
Anthracene	µg/l								
Azobenzene,4-dimethylamino-	µg/l								
Benz[a]anthracene	µg/l								
Benz[a]anthracene,7,12-dimethyl-	µg/l								
Benz[e]acephenanthrylene	µg/l								
Benzene,1,2,4,5-tetrachloro-	µg/l								
Benzene,1,3,5-trinitro-	µg/l								
Benzene,1,3-dinitro-	µg/l								
Benzene,nitro-	µg/l								
Benzidine,3,3'-dichloro-	µg/l								
Benzidine,3,3'-dimethyl-	µg/l								
Benzo[a]pyrene	µg/l								
Benzo[ghi]perylene	µg/l								
Benzo[k]fluoranthene	µg/l								
Benzyl Alcohol	µg/l								
Benzyl Butyl Phthalate	µg/l								
Bis(2-chloroethoxy)methane	µg/l								
Bis(2-chloroethyl)ether	µg/l								
Bis(2-chloroisopropyl)ether	µg/l								
Bis(2-ethylhexyl)phthalate	µg/l								
Bromophenyl Phenyl Ether,4-	µg/l								
Butylamine,n-nitroso-di-n-	µg/l								

Notes: 1. Printed on 02/17/00

**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-SB-35							
	Sample ID	1949035							
	Sample Date	12/23/1999							
	Sample Time	11:15							
	Sample Depth	83' - 87'							
	Laboratory	QUAN							
	Lab. Number	A9L280164001							
Constituent	Units								
Carbazole	µg/L								
Chloroaniline,4-	µg/l								
Chlorophenyl Phenyl Ether,4-	µg/l								
Chrysene	µg/l								
Cresol,2-	µg/l								
Cresol,3-	µg/L								
Cresol,4-	µg/l								
Cresol,4-Chloro-m-	µg/l								
Di-n-butyl Phthalate	µg/l								
Di-n-octyl Phthalate	µg/l								
Dibenz[a,h]anthracene	µg/l								
Dibenzofuran	µg/l								
Dichloro-2-butylene,1,4-trans-	µg/l								
Diethyl Phthalate	µg/l								
Dimethyl Phthalate	µg/l								
Dimethylamine,n-nitroso-	µg/l								
Dimethylphenethylamine,alpha,alpha-	µg/L								
Dinitro-o-cresol,4,6-	µg/l								
Dinitrotoluene,2,4-	µg/l								
Dinitrotoluene,2,6-	µg/l								
Diphenylamine	µg/L								
Diphenylamine,n-nitroso-	µg/l								
Ethylamine,n-nitroso-	µg/l								
Ethylmethanesulfonate	µg/l								
Fluoranthene	µg/l								
Fluorene	µg/l								
Hexachlorobutadiene	µg/l								
Hexachloroethane	µg/l								

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-SB-35						
	Sample ID	1949035						
	Sample Date	12/23/1999						
	Sample Time	11:15						
	Sample Depth	83' - 87'						
	Laboratory	QUAN						
	Lab. Number	A9L280164001						
Constituent	Units							
Hexachloropropylene	µg/l							
Indeno(1,2,3-cd)pyrene	µg/l							
Isophorone	µg/l							
Isosafrole	µg/l							
Methapyrilenone	µg/l							
Methyl Methanesulfonate	µg/l							
Methylcholanthrene,3-	µg/l							
Methylethylamine,n-nitroso-	µg/l							
Morpholine,n-nitroso-	µg/l							
Naphthalene	µg/l							
Naphthalene,2-chloro-	µg/l							
Naphthalene,2-methyl-	µg/l							
Naphthoquinone,1,4-	µg/l							
Naphthylamine,alpha-	µg/l							
Naphthylamine,beta-	µg/l							
Nitro-o-toluidine,5-	µg/l							
Nitroaniline,2-	µg/l							
Nitroaniline,3-	µg/l							
Nitroaniline,4-	µg/l							
Nitroquinaline-1-oxide,4-	µg/l							
Phenanthrene	µg/l							
Phenol	µg/l							
Phenol,2,3,4,6-tetrachloro-	µg/l							
Phenol,2,4,5-trichloro-	µg/l							
Phenol,2,4,6-trichloro-	µg/l							
Phenol,2,4-dichloro-	µg/l							
Phenol,2,4-dinitro-	µg/l							
Phenol,2,6-dichloro-	µg/l							

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-SB-35							
	Sample ID	1949035							
	Sample Date	12/23/1999							
	Sample Time	11:15							
	Sample Depth	83' - 87'							
	Laboratory	QUAN							
	Lab. Number	A9L280164001							
Constituent	Units								
Benzene,ethyl	µg/l	<5.0 U							
Benzene,ethyl (screening)	µg/L								
Benzene,pentachloro-	µg/l								
Benzene,pentachloronitro-	µg/l								
Bromoform	µg/l	<4.0 U							
Carbon Disulfide	µg/l	<5.0 U							
Carbon Tetrachloride	µg/l	<5.0 U							
Chloroethane	µg/l	<10 U							
Chloroform	µg/l	<5.0 U							
Chloroprene,beta-	µg/l								
Dibromochloromethane	µg/l	<0.50 U							
Dibromoethane,1,2-	µg/l								
Dibromomethane	µg/l								
Dichlorobromomethane	µg/l	<5.0 U							
Dichlorodifluoromethane	µg/l								
Dichloroethane,1,1-	µg/l	<5.0 U							
Dichloroethane,1,2-	µg/l	<1.0 U							
Dichloroethylene,1,1-	µg/l	<1.0 U							
Dichloroethylene,1,2-cis-	µg/l	<5.0 U							
Dichloroethylene,1,2-trans-	µg/l	<5.0 U							
Dichloropropane,1,2-	µg/l	<5.0 U							
Dichloropropylene,1,3-, NOS	µg/l	<0.50 U							
Dichloropropylene,1,3-cis-	µg/l								
Dichloropropylene,1,3-trans-	µg/l								
Dioxane,1,4-	µg/l								
Ethylmethacrylate	µg/l								
Hexanone,2-	µg/l	<50 U							
Iodomethane	µg/l								

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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	Location ID	RH-SB-35							
	Sample ID	1949035							
	Sample Date	12/23/1999							
	Sample Time	11:15							
	Sample Depth	83' - 87'							
	Laboratory	QUAN							
	Lab. Number	A9L280164001							
Constituent	Units								
Isobutyl Alcohol	µg/l								
Methacrylonitrile	µg/l								
Methyl Bromide	µg/l	<10 U							
Methyl Chloride	µg/l	<10 U							
Methyl Ethyl Ketone	µg/l	<100 U							
Methyl Methacrylate	µg/l								
Methyl-2-pentanone,4-	µg/l	<5.0 U							
Methyl-tert-butyl Ether	µg/l								
Methylene Chloride	µg/l	<5.0 U							
Pentachloroethane	µg/L								
Propionitrile	µg/l								
Styrene	µg/l	<5.0 U							
Tetrachloroethane,1,1,1,2-	µg/l								
Tetrachloroethane,1,1,2,2-	µg/l	<0.50 U							
Tetrachloroethylene	µg/l	<5.0 U							
Tetrachloroethylene (screening)	µg/L								
Toluene	µg/l	<5.0 U							
Toluene (screening)	µg/L								
Trichloroethane,1,1,1-	µg/l	<5.0 U							
Trichloroethane,1,1,1- (screening)	µg/L								
Trichloroethane,1,1,2-	µg/l	<5.0 U							
Trichloroethylene	µg/l	<5.0 U							
Trichloroethylene (screening)	µg/L								
Trichloromonofluoromethane	µg/l								
Trichloropropane,1,2,3-	µg/l								
Vinyl Acetate	µg/l								
Vinyl Chloride	µg/l	<2.0 U							
Xylene,o- (screening)	µg/L								

Notes: 1. Printed on 02/17/00



**Table 4**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**Pratt & Whitney, Rocky Hill, Connecticut**

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Notes: 1. Printed on 9/2/1000



**Table 5**  
**SUMMARY OF EXCEEDANCES OF GROUNDWATER SCREENING CRITERIA**  
**Pratt & Whitney, Rocky Hill, Connecticut**

Page 1 of 3

Notes: 1. Only Exceedances Shown

2. Printed on 02/17/00



**Table 5**  
**SUMMARY OF EXCEEDANCES OF GROUNDWATER SCREENING CRITERIA**  
**Pratt & Whitney, Rocky Hill, Connecticut**

Page 2 of 3

Notes: 1. Only Exceedances Shown

2. Printed on 02/17/00



**Table 5**  
**SUMMARY OF EXCEEDANCES OF GROUNDWATER SCREENING CRITERIA**  
**Pratt & Whitney, Rocky Hill, Connecticut**

Page 3 of 3

Notes: 1. Only Exceedances Shown

2. Printed on 02/17/00

**Table 6**

## SUMMARY OF EXCEEDANCES OF GROUNDWATER SCREENING CRITERIA FOR DERMAL CONTACT Pratt & Whitney, Rocky Hill, Connecticut

Page 1 of 0

Notes: 1. Only Exceedances Shown  
2. Printed on 10/29/99



**Table 7**  
**Summary of Analytical Data Qualifiers**  
**Pratt & Whitney Rocky Hill, Connecticut**

Source of Qualifier	Abbreviated Name	Data Qualifier	Analyte Class	Definition
Accutest	Accu	J	All	Estimated value
Accutest	Accu	U	All	Non-detect
Averill Environmental Laboratory, Inc.	AEL	*	Inorganic	Duplicate analysis not within control limits
Averill Environmental Laboratory, Inc.	AEL	N1	Organic	Spectral evidence confirms the presence of this compound at a concentration below the calibration range
Lancaster Laboratories, Inc.	LANC	*	Inorganic	Duplicate analysis not within control limits
Lancaster Laboratories, Inc.	LANC	B	Organic	TIC is a possible aldol-condensation product
Lancaster Laboratories, Inc.	LANC	B	Inorganic	Value is < CRDL but > IDL
Lancaster Laboratories, Inc.	LANC	C	Organic	Analyte was also detected in the blank
Lancaster Laboratories, Inc.	LANC	D	Organic	Pesticide result confirmed by GC/MS
Lancaster Laboratories, Inc.	LANC	E	Organic	Compound quantified on a diluted sample
Lancaster Laboratories, Inc.	LANC	F	Organic	Concentration exceeds the calibration range of the instrument
Lancaster Laboratories, Inc.	LANC	J	Organic	Estimated value
Lancaster Laboratories, Inc.	LANC	N	Organic	Presumptive evidence of a compounds (TOCs only)
Lancaster Laboratories, Inc.	LANC	N	Inorganic	Spike sample not within control limits
Lancaster Laboratories, Inc.	LANC	P	Organic	Concentration difference between primary and confirmation columns >25%
Lancaster Laboratories, Inc.	LANC	S	Inorganic	Method of standard additions (MSA) used for calculation
Loureiro Engineering Associates, Inc.	N/A	J	All	The associated numerical is an estimated quantity
Loureiro Engineering Associates, Inc.	N/A	R	All	Data are unusable. The associated numerical is rejected



Loureiro Engineering Associates, Inc.

February 14, 2000

**United Technologies Corp.**  
United Technologies Building  
One Financial Plaza  
Hartford, CT 06103

Attn.: Phil Sheridan, M/S 518

**RE: Deep Soil Boring Installation Summary Report**  
**Pratt & Whitney, Rocky Hill, Connecticut**  
**LEA Comm. No. 68VE134**

Dear Mr. Sheridan:

On December 13, 1999, Loureiro Engineering Associates, Inc. (LEA) initiated the installation of deep soil borings inside the Pratt & Whitney (P&W) Rocky Hill, Connecticut, facility. The original intent of the soil boring program was to advance two soil borings in the area downgradient of monitoring well RH-MW-17S in order to determine whether there had been migration of the carbon disulfide previously noted in that well. Both soil borings were intended to be advanced to the top of a till layer, originally estimated to be approximately 100 feet below grade, previously noted in deep monitoring well RH-MW-17D, located south of the proposed boring locations. The specific locations for the soil borings were reviewed in the field with Mr. Ernest Waterman of the US Environmental Protection Agency (EPA) on December 14, 1999. The locations of the soil borings are presented on Figure 1, included in Attachment 1 to this letter.

Both of the soil borings were advanced using LEA's Geoprobe® direct-push soil boring system. The Geoprobe® system consists of a hydraulically operated hammer unit mounted on a diesel-powered pick-up truck. The system was equipped with Macro-Core® soil sampling units and monitoring well installation tooling.

The Macro-Core® soil sampling unit consisted of a 4 foot long, 2-inch diameter stainless-steel barrel equipped with a steel drive shoe and provided with disposable, polyethylene terephthalate (PETG) plastic liners. The unit was equipped with a retractable drive point which was locked in place during placement to keep unwanted materials out of the sampler. After the unit was driven to the top of the desired sampling interval, the drive point is retracted and the unit was driven to bottom of the sampling interval. After the sampling unit was retrieved, the soil-filled liner was removed and the soil sample was collected, sampled, and logged by the attending LEA geologist. A copy of the geologic boring log is included in Attachment 2 to this letter. The final depth of the soil boring was approximately 90 feet below grade. Material encountered at and near the final depth was described as a dense silt and gravelly sands.



As the intent of the boring program was to determine whether soil contamination by volatile organic compounds (VOCs) was present, aliquots of all soil samples were field headspace screened for the possible presence of VOCs. In order to quantify any contamination detected, aliquots of all soil samples collected were submitted to the LEA Analytical Laboratory for analysis of screening VOCs, including benzene (BZ); chlorobenzene (CBZ); ethylbenzene (EBZ); tetrachloroethylene (PCE); toluene (TL); 1,1,1-trichloroethane (TCA); trichloroethylene (TCE); and, xylenes (XYL), using a gas chromatograph (GC). In addition, aliquots of the soil samples were also submitted to Quanterra Inc. (Quanterra). All soil samples were submitted on "hold" to Quanterra, and selected soil samples were later removed from hold for specific analyses, as described below.

Advancement of the boreholes was initiated by coring through the concrete floor. For the first four attempts, a core saw equipped with a 12-inch diameter core barrel was used. The core saw was used to provide a sufficiently large initial opening so that a concrete pad could be installed if the borehole was completed as a monitoring well. For the final attempts, the coring was initiated using only the Geoprobe® concrete bit.

Coring through the floor and advancement of the initial borehole, identified as RH-SB-34, was begun on December 13, 1999. In each of six attempts, refusal was met at a depth of approximately 5 feet below the existing grade. Further investigation revealed that there may have been a basement existing from the time of the previous occupants in the general vicinity of the borehole. According to P&W personnel, the basement was discovered while excavating for the anodizing line located immediately east of the proposed boring location. The areal extent of the basement area was not known. Two additional attempts, located approximately halfway between the proposed boring location and monitoring well RH-MW-17S were made, however, both of the attempts met refusal at approximately 5 feet. Further attempts to advance a borehole in this area were abandoned.

A second boring location was chosen, identified as RH-SB-35, in the general vicinity of soil boring RH-SB-26. This soil boring was advanced, after coring though the floor using only the Geoprobe® concrete coring bit, to a final depth of approximately 90 feet below grade. At a depth of approximately 12 feet an reddish brown, silty clay layer was encountered, which was described as having a "noticeable odor." In order to prevent the possible downward migration of contaminants in the borehole while drilling, a 3-inch diameter polyvinyl chloride (PVC) casing was manually advanced to a depth of 12 feet and sealed in-place using a cement-bentonite grout. After the grout had been allowed to set, the boring was advanced to the final depth of 90 feet.

A total of 41 soil samples collected from soil boring RH-SB-35 were submitted for analysis to the LEA Analytical Laboratory. In addition, a total of 4 soil samples collected from the boring were submitted to Quanterra for analysis of VOCs, metals (including arsenic, barium, cadmium, chromium, lead, mercury, nickel, selenium, silver, and zinc), and total petroleum hydrocarbons (TPH). The soil samples submitted to Quanterra were selected on the basis of the geologic descriptions provided by the attending geologist, the field description of the materials, and the



results of the LEA Analytical Laboratory analyses. Soil samples were selected from soil boring RH-SB-35 from depth intervals of 12 to 14 feet, 62 to 64 feet, 80 to 82 feet, and 82 to 84 feet.

Table 1 in Attachment 3 to this report presents soil sampling and analytical information regarding the soil samples collected from soil boring RH-SB-35 and submitted to the LEA Analytical Laboratory and Quanterra. Table 2 presents a summary of the constituents detected in the soil samples submitted for analysis.

Analytical data from the LEA Analytical Laboratory indicated no VOCs were detected in any of the soil samples collected and submitted for analysis. Analytical data from Quanterra indicated that selected metals, including, arsenic, barium, chromium, copper, lead, nickel, and zinc, were detected.

In addition to the soil samples, 2 groundwater samples were collected in soil boring RH-SB-35. These samples were collected at each major change in lithology. Groundwater samples were collected using a Geoprobe® Screen-Point sampling system. One groundwater sample (LEA Sample Identifier 1949030) was collected from a depth interval of 24 to 28 feet below grade, the second groundwater sample (LEA Sample Identifier 1949035) was collected from a depth interval of 83 to 87 feet below grade. Groundwater samples were submitted to Quanterra for analysis of VOCs, metals (including arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, and zinc), and TPH. Quanterra accidentally analyzed the groundwater samples for cobalt instead of copper.

Table 3 in Attachment 3 to this report presents sampling and analytical information regarding the groundwater samples collected from soil boring RH-SB-35 and submitted to Quanterra. Table 4 presents a summary of the constituents detected in the groundwater samples submitted for analysis.

No VOCs were detected in the groundwater samples submitted for analysis. Selected metals, including arsenic, barium, chromium, cobalt, lead, nickel, and zinc, and TPH were detected in the groundwater sample collected from 24 to 28 feet below grade.

If you have any questions or comments concerning this information, please contact Jeff Klapheke or me at (860) 747-6181.

Sincerely,  
**LOUREIRO ENGINEERING ASSOCIATES, INC.**

A handwritten signature in black ink, appearing to read "T.J. Salimeno".

Thomas J. Salimeno, P.E.  
Senior Project Manager

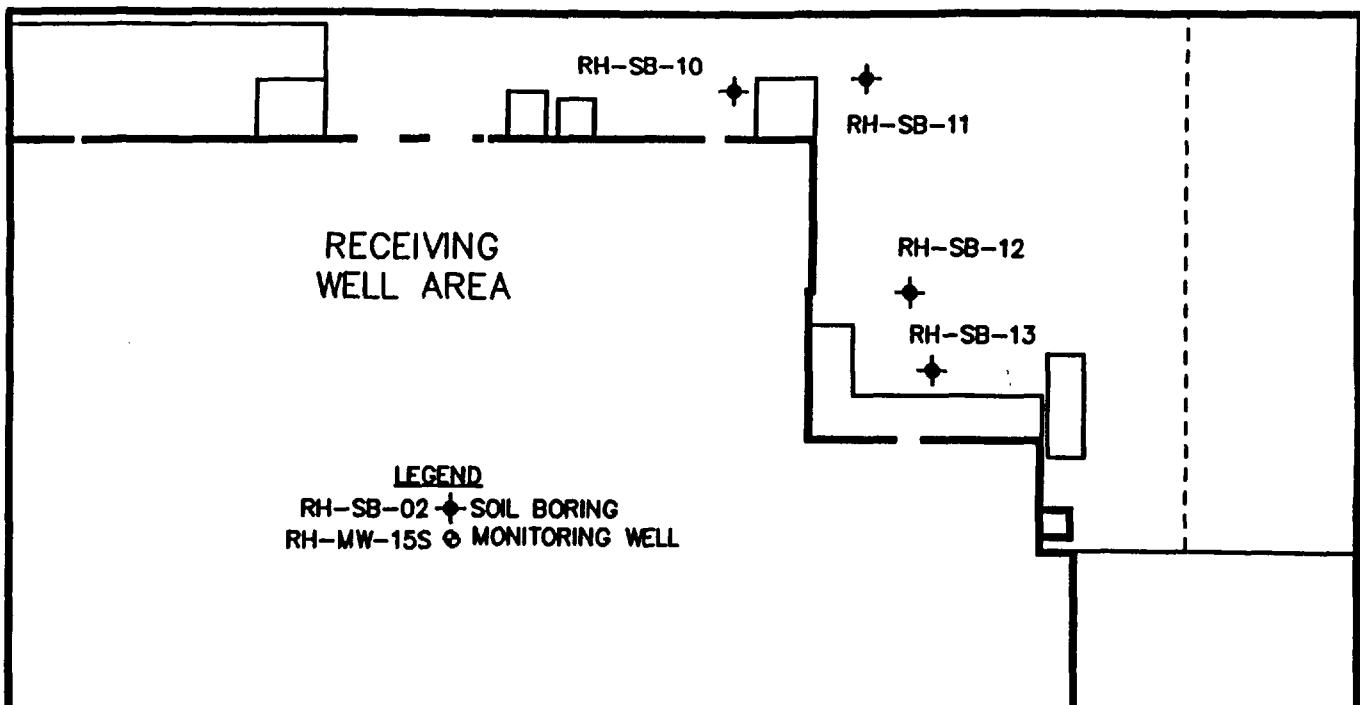
cc: Lauren Levine, P&W

Attachments

**ATTACHMENT 1**

**Figure 1– Sampling Locations**

**Pratt & Whitney  
Deep Soil Boring Installation  
Rocky Hill, Connecticut  
LEA Comm. No. 68VE134**



MAIN BUILDING  
FIRST FLOOR ELEVATION - 31.41'

⊕ RH-MW-18S      ♦ RH-SB-34  
(ABANDONED)      ♦ RH-SB-35  
                        ♦ RH-SB-26  
RH-SB-25      RH-MW-17D      ⊕ RH-SB-27  
RH-MW-17S

25 0 25 50 100  
SCALE IN FEET

PRATT & WHITNEY  
ROCKY HILL, CT

DEEP SOIL BORING LOCATIONS

Comm.No.	68VE401
----------	---------

FIGURE 1

LEA

**ATTACHMENT 2**

**Geologic Boring Log**

**Pratt & Whitney  
Deep Soil Boring Installation  
Rocky Hill, Connecticut  
LEA Comm. No. 68VE134**

# GEOLOGIC BORING LOG

Page 1 of 5

Project: Interior Soil Borings LEA Commission Number: 68VE134.001 Client: Pratt & Whitney East Hartford-RC Location: P&W Rocky Hill				Start Date 12/15/1999 End Date 12/15/1999	Boring ID <b>RH-SB-35</b>
<b>Drilling Contractor:</b> Loureiro Engineering Associates, Inc. <b>Drilling Method:</b> Direct push <b>Sampling Method:</b> Macro Core <b>Groundwater Observation</b>				<b>Logged by:</b> James Lardie <b>Drilling Foreman:</b> Jason Miller <b>Drill Rig:</b> Geoprobe 5400 - LEA 95 <b>Surface Elevation:</b>	
<b>Depth:</b> 24.8 <b>at:</b> <b>Hours ,</b> <b>Depth:</b> <b>at:</b> <b>Hours &amp;</b>				<b>Northing:</b> <b>Easting:</b>	
Depth	Sample Information			Soil Description	
	Sample No.	Recovery %	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0	1948821	63		0" - 10" concrete floor [may or may not be in sample?] brown fine SAND to ? light grey fine SAND, some Silt, moderately dense, slightly moist	1.0
2	1948822	63		light greyish brown fine SAND to 3' reddish brown medium to fine SAND, little Silt, little medium Gravel, moderately dense, moist	
4	1948823	77		light greyish brown fine SAND to 5' light brown fine SAND, some SILT layer approximately less than 1/2" thick moderately dense, slightly moist,	0.2
6	1948824	77		light brown fine SAND to 6.2' brown fine silty SAND to 6.4' then fine SAND with fine silty Sand layers at 7 and 7.5', little medium to coarse Gravel 6.5' to 7.0'	0.2
8	1948825	83		reddish brown silty CLAY to 8.8' with fine Sand layers less than 0.5 at approximately 8.8 approximately 9.2 9.6' Sand layers lenses different colour	0.6
10	1948826	83		As above, with some Sand layrs stained iron oxide (?) red odour (?)	0.2
12	1948827	83		reddish brown silty CLAY with fine reddish brown Sand layers at 13.5', 13.25', and 12.8' each less than 0.5" thick, dense, moist	34.0
14	1948828	83		reddish brown CLAY saturated to 15.8' reddish brwon silty SAND medium to fine dry, loose, slight odour	5.4
16	1948829	77		reddish brown silty CLAY to 16.4' reddish brown medium to fine SAND, trace Silt, little medium to fine Gravel, little coarse Sand, loose, moist	11.5
18	1948830	77		reddish brown fine SAND, little medium Sand, 0.5" silty Clay layer at 19.0', little fine Gravel, little coarse Sand below silty Clay, loose, moist	15.6
20	1948831	69		reddish brown medium to fine SAND, trace fine Gravel, trace coarse Sand, trace Silt, moist, loose	4.4



LOUREIRO ENGINEERING ASSOCIATES, Inc.  
100 Northwest Drive, Plainville, Connecticut 06062      Phone (860) 747-6181 Fax (860) 747-8822

# GEOLOGIC BORING LOG

Page 2 of 5

<b>Project:</b> Interior Soil Borings <b>LEA Commission Number:</b> 68VE134.001 <b>Client:</b> Pratt & Whitney East Hartford-RC <b>Location:</b> P&W Rocky Hill				<b>Start Date</b> 12/15/1999	<b>Boring ID</b>	
				<b>End Date</b> 12/15/1999	<b>RH-SB-35</b>	
<b>Drilling Contractor:</b> Loureiro Engineering Associates, Inc. <b>Drilling Method:</b> Direct push <b>Sampling Method:</b> Macro Core <b>Groundwater Observation</b>				<b>Logged by:</b> James Lardie		
<b>Depth:</b> 24.8 <b>at:</b> <b>Hours ,</b> <b>Depth:</b> <b>at:</b> <b>Hours &amp;</b>				<b>Drilling Foreman:</b> Jason Miller		
				<b>Drill Rig:</b> Geoprobe 5400 - LEA 95		
				<b>Surface Elevation:</b>		
				<b>Northing:</b>		
				<b>Easting:</b>		
<b>Depth</b>	<b>Sample Information</b>			<b>Soil Description</b>		
	<b>Sample No.</b>	<b>Recovery %</b>	<b>Blows /6"</b>	<b>Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity Angularity, Sedimentary Structure, Density, Cohesiveness, Other</b>		<b>PID/FID ppm</b>
22	1948832	69		reddish brown medium to fine SAND, trace fine Gravel, trace coarse Gravel, trace coarse Sand, trace Silt, moist, loose		12.1
24	1948833	73		reddish brown medium to fine SAND, trace fine Gravel, trace coarse Gravel, trace coarse Sand, trace Silt, moist, loose 24.8' wet		9.9
26	1948834	73		reddish brown medium to fine SAND, trace fine Gravel, trace coarse Gravel, trace coarse Sand, trace Silt, wet, loose		3.6
28	1948835	79		reddish brown medium to fine SAND, trace fine Gravel, trace coarse Gravel, trace coarse Sand, trace Silt, wet, loose		2.9
30	1948836	79		reddish brown medium to fine SAND, trace fine Gravel, trace coarse Gravel, trace coarse Sand, trace Silt, wet, loose		5.1
32	1948837	40		reddish brown medium to fine SAND, trace fine Gravel, trace coarse Gravel, trace coarse Sand, trace Silt, wet, loose piece of gravel caught in tip		7.7
36	1948838	79		reddish brown medium to fine SAND, trace fine Gravel, trace coarse Gravel, trace coarse Sand, trace Silt, wet, loose to 37' reddish brown coarse to medium SAND and fine to coarse GRAVEL, trace Silt, loose		3.3
38	1948839	79		reddish brown coarse to medium SAND and fine to coarse GRAVEL to 39' reddish brown medium to fine SAND, trace Silt, trace fine Gravel, loose		12.3
40	1948840	75		reddish brown coarse to fine SAND, little Silt, little medium to fine Gravel, loose, wet		0
42	1948841	75		reddish brown coarse to fine SAND, little Silt, little medium to fine Gravel, loose, wet to reddish brown coarse to fine SAND and medium to fine GRAVEL, loose, wet		0
44	1948842	33		reddish brown coarse to fine SAND, little medium to fine Gravel, little Silt, loose		0



LOUREIRO ENGINEERING ASSOCIATES, Inc.

100 Northwest Drive, Plainville, Connecticut 06062

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Phone (860) 747-6181 Fax (860) 747-8822

RH-SB-35

# GEOLOGIC BORING LOG

Page 3 of 5

Project: Interior Soil Borings LEA Commission Number: 68VE134.001 Client: Pratt & Whitney East Hartford-RC Location: P&W Rocky Hill				Start Date 12/15/1999 End Date 12/15/1999	Boring ID <b>RH-SB-35</b>
<b>Drilling Contractor:</b> Loureiro Engineering Associates, Inc.				Logged by: James Lardie	
<b>Drilling Method:</b> Direct push				Drilling Foreman: Jason Miller	
<b>Sampling Method:</b> Macro Core				Drill Rig: Geoprobe 5400 - LEA 95	
<b>Groundwater Observation</b>				Surface Elevation:	
Depth: 24.8	at:	Hours ,		Northing:	
Depth:	at:	Hours &		Easting:	
Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery %	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
48	1948843	81		reddish brown medium to fine SAND, trace Silt, loose, wet	0
50	1948844	81		reddish brown medium to fine SAND, trace Silt, loose, wet to 51 reddish brown coarse to fine SAND and coarse to fine GRAVEL, trace Silt, loose, wet	0
52				No sample	
56	1948845	85		reddish brown medium to fine SAND, moderately dense, wet	0
58	1948846	85		reddish brown medium to fine SAND, moderately dense, wet	0
60	1948847	88		reddish brown medium to fine SAND, trace Silt, moderately dense, wet	0.7
62	1948848	88		reddish brown medium to fine SAND, trace Silt, trace coarse Sand, trace fine Gravel, moderately dense, wet	4.8
64	1948849, 1948850	83		reddish brown medium to fine SAND, trace Silt, moderately dense, wet	0.9
66	1948851	83		reddish brown medium to fine SAND, trace Silt, little coarse Sand, little medium to fine Gravel at 67.85', moderately dense, wet	0



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# GEOLOGIC BORING LOG

Page 4 of 5

Project: Interior Soil Borings LEA Commission Number: 68VE134.001 Client: Pratt & Whitney East Hartford-RC Location: P&W Rocky Hill				Start Date 12/15/1999 End Date 12/15/1999	Boring ID <b>RH-SB-35</b>
<b>Drilling Contractor:</b> Loureiro Engineering Associates, Inc.				Logged by: James Lardie	
<b>Drilling Method:</b> Direct push				Drilling Foreman: Jason Miller	
<b>Sampling Method:</b> Macro Core				Drill Rig: Geoprobe 5400 - LEA 95	
<b>Groundwater Observation</b>				Surface Elevation:	
Depth: 24.8	at:	Hours ,		Northing:	
Depth:	at:	Hours &		Easting:	
Depth	Sample Information			Soil Description	
	Sample No.	Recovery %	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
68	1948852	83		reddish brown medium to fine (+) SAND, trace Silt, moderately dense, wet	0
70	1948853	83		reddish brown medium to fine (+) SAND, trace Silt, moderately dense, wet	0
72	1948854	79		reddish brown medium to fine (+) SAND, trace Silt, moderately dense, wet	0
74	1948855	79		reddish brown medium to fine (+) SAND, trace Silt, moderately dense, wet	0
76	1948856			reddish brown medium to fine (+) SAND, trace Silt, moderately dense, wet	0
78	1948857			reddish brown medium to fine (+) SAND, trace Silt, moderately dense, wet	0
80	1948858	75		reddish brown medium to fine SAND, little Silt, dark brown staining visible at 80.75', 81.25' very faint odour (?), moderately dense, wet	8.1
82	1948859	75		reddish brown medium to fine SAND, little Silt, trace coarse Sand, trace medium to fine Gravel, moderately dense starting at 83.5', wet	10.4
84	1948860	71		reddish brown medium to fine SAND, little Silt, trace coarse Sand, trace medium to fine Gravel, moderately dense, wet	0
86	1948861	71		reddish brown medium to fine SAND, little Silt, trace coarse Sand, trace medium to fine Gravel, moderately dense, wet	0
88	1948862	58		reddish brown fine SAND, some very dense SILT, trace coarse Sand	0



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**RH-SB-35**

# GEOLOGIC BORING LOG

Page 5 of 5

Project: Interior Soil Borings LEA Commission Number: 68VE134.001				Start Date 12/15/1999	Boring ID <b>RH-SB-35</b>	
Client: Pratt & Whitney East Hartford-RC Location: P&W Rocky Hill				End Date 12/15/1999		
Drilling Contractor: Loureiro Engineering Associates, Inc. Drilling Method: Direct push Sampling Method: Macro Core				Logged by: James Lardie Drilling Foreman: Jason Miller Drill Rig: Geoprobe 5400 - LEA 95		
<b>Groundwater Observation</b>						
Depth:	24.8	at:	Hours ,	Northing:		
Depth:		at:	Hours &	Easting:		
Depth	Sample Information			Soil Description		PID/FID ppm
	Sample No.	Recovery %	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity Angularity, Sedimentary Structure, Density, Cohesiveness, Other		
90						
Comments:						



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100 Northwest Drive, Plainville, Connecticut 06062

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Phone (860) 747-6181 Fax (860) 747-8822

**RH-SB-35**

**ATTACHMENT 3**

**Summary Data Tables and Analytical Results**

**Pratt & Whitney  
Deep Soil Boring Installation  
Rocky Hill, Connecticut  
LEA Comm. No. 68VE134**

**Table 1**  
**SUMMARY OF SOIL SAMPLING AND ANALYTICAL INFORMATION**  
**Deep Soil borings, Pratt & Whitney, Rocky Hill, Connecticut**

Page 1 of 1

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extractions	Miscellaneous
RH-SB-34	1948816	12/14/99	1.5	4	SB	x								
RH-SB-34	1948817	12/14/99	4	5	SB	x								
RH-SB-35	1948821	12/15/99	0	2	SB	x								
RH-SB-35	1948822	12/15/99	2	4	SB	x								
RH-SB-35	1948823	12/15/99	4	6	SB	x								
RH-SB-35	1948824	12/15/99	6	8	SB	x								
RH-SB-35	1948825	12/15/99	8	10	SB	x								
RH-SB-35	1948826	12/15/99	10	12	SB	x								
RH-SB-35	1948827	12/17/99	12	14	SB		x					x		x
RH-SB-35	1948848	12/21/99	62	64	SB		x					x		x
RH-SB-35	1948858	12/22/99	80	82	SB		x					x		x
RH-SB-35	1948859	12/22/99	82	84	SB		x					x		x

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

2. Printed on 02/08/00



**Table 2**  
**SUMMARY OF CONSTITUENTS DETECTED IN SOIL SAMPLES**  
**Deep Soil borings, Pratt & Whitney, Rocky Hill, Connecticut**

Page 1 of 1

Notes: 1. Only Detects Shown  
2. Printed on 02/08/00



**Table 3**  
**SUMMARY OF GROUNDWATER SAMPLING AND ANALYTICAL INFORMATION**  
**Deep Soil Borings, Pratt & Whitney, Rocky Hill, Connecticut**

Page 1 of 1

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit.

2. Printed on 02/08/00

**Table 4**  
**SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER**  
**Deep Soil Borings, Pratt & Whitney, Rocky Hill, Connecticut**

Page 1 of 1

Notes: 1. Only Detects Shown  
2. Printed on 02/14/00



**US EPA New England  
RCRA Document Management System (RDMS)  
Image Target Sheet**

**RDMS Document ID# 710**

**Facility Name:** Pratt & Whitney (Rocky Hill)

**Phase Classification:** R-13

**Document Title:** Environmental Indicator (EI) Determination,  
Migration of Contaminated Groundwater Under Control (CA 750  
YE) - Pratt & Whitney Rocky Hill

**Date of Document:** 09-11-2000

**Document Type:** EI Determination

**Purpose of Target Sheet:**

**Oversized**       **Privileged**

**Page(s) Missing**       **Other (Please Provide Purpose  
Below)**

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**Comments:**

Generalized Geological Cross Section

DATE RECEIVED	DATE RECEIVED	DATE TESTED	TESTER
11/18/88	12/02/88	12/12/88	B2020

## CUSTOMER ADDRESS

HYDRO GROUP - RANNEY DIV.  
ATTN: JIM FRENCH  
2 NORTH STATE  
WESTERVILLE, OH 43081-

## DEALER ADDRESS

Pratt & Whitney  
Collector  
Rocky Hill Connecticut



# DRINKING WATER ANALYSIS RESULTS

NOTE: "+" indicates that maximum levels have been exceeded, or in the case of pH are either too high OR too low.

"nd" indicates that none of this contamination has been detected at or above our detection level.

Analysis performed	:	MCL	: Detection Level
		(ug/l)	Level   Detected

## Microbiological:

Total coliform (organism/100ml):	0		0.0		+
----------------------------------	---	--	-----	--	---

## Inorganic chemicals - metals:

Arsenic	:	0.05		0.002		nd
Barium	:	1.0		0.30		nd
Cadmium	:	0.01		0.002		nd
Chromium	:	0.05		0.004		nd
Copper	:	1.0		0.004		0.019
Iron	:	0.3		0.020		0.210
Lead	:	0.02		0.010		nd
Manganese	:	0.05		0.004		0.061 +
Mercury	:	0.002		0.0002		nd
Nickel	:	0.15		0.02		nd
Selenium	:	0.01		0.002		nd
Silver	:	0.05		0.002		nd
Sodium	:	--		1.0		14.0
Zinc	:	5.0		0.004		0.009

## Inorganic chemicals - other, and physical factors:

Alkalinity (Total as CaCO <sub>3</sub> )	:	--		2.0		50
Chloride	:	250		10.0		30
Fluoride	:	2.0		0.1		nd
Nitrate as N	:	10		1.0		8
Sulfate	:	250		20.0		nd
Hardness (as CaCO <sub>3</sub> )	:	--		20.0		50
pH (Standard Units)	:	6.5-8.5		--		8.00
Total Dissolved Solids	:	500		20.0		100
Turbidity (Turbidity units)	:	1.0		0.1		0.5

## Organic chemicals - trihalomethanes:

Bromoform	:	--		0.004		nd
Bromodichloromethane	:	--		0.002		nd
Chloroform	:	--		0.002		0.002
Dibromochloromethane	:	--		0.004		nd
Total THMs (sum of four above)	:	0.1		0.002		0.002

## Organic chemicals - volatiles

Benzene	:	0.005		0.0005		nd
Vinyl chloride	:	0.002		0.0005		nd
Carbon Tetrachloride	:	0.005		0.0005		nd
1,2-Dichloroethane	:	0.005		0.0005		nd
Trichloroethylene	:	0.005		0.0005		nd
1,4-Dichlorobenzene	:	0.075		0.0005		nd
1,1-Dichloroethylene	:	0.007		0.0005		nd

\*\* Bacteria not tested due to kit arrival at lab more than 48 hours after collection.

Analysis performed	MCL (ng/l)	Detection Level Level	Detectd
1,1,1-Trichloroethane	0.80	0.0005	nd
Acrolein		0.005	nd
Acrylonitrile		0.005	nd
Bromobenzene	0.010	0.0005	nd
Bromoethane	0.005	0.0005	nd
Chlorobenzene	0.6	0.0005	nd
Chloroethane	0.003	0.0005	nd
Chloroethylvinyl ether		0.003	nd
Chloromethane	0.01	0.0005	nd
1,1-Chlorotoluene	0.005	0.0005	nd
1,3-Chlorotoluene	0.005	0.0005	nd
Dibromochloropropane (DBCP)	0.025	0.0005	nd
Dibromomethane	0.005	0.0005	nd
1,2-Dichlorobenzene	0.62	0.0005	nd
1,3-Dichlorobenzene	0.62	0.0005	nd
Dichlorodifluoromethane		0.005	nd
1,1-Dichloroethane		0.002	nd
Trans-1,2-Dichloroethylene	0.07	0.0005	nd
Cis-1,2-Dichloroethylene	0.07	0.0005	nd
Dichloromethane	0.350	0.0005	nd
1,2-Dichloropropane	0.005	0.0005	nd
Trans 1,3-Dichloropropane	0.005	0.0005	nd
Cis 1,3-Dichloropropane	0.005	0.0005	nd
2,2-Dichloropropane	0.005	0.0005	nd
1,1-Dichloropropene		0.002	nd
Cis-1,3-Dichloropropene		0.002	nd
Ethybenzene	0.68	0.0005	nd
Ethylenedibromide (EDB)	0.11	0.0005	nd
Styrene	0.14	0.0005	nd
1,1,1,2-Tetrachloroethane	0.005	0.0005	nd
1,1,2,2-Tetrachloroethane	0.005	0.0005	nd
Tetrachloroethylene	0.005	0.0005	nd
Trichlorobenzene(s)		0.0005	nd
1,1,2-Trichloroethane	0.2	0.0005	nd
Trichlorofluoromethane		0.0005	nd
1,2,3-Trichloropropane	0.005	0.0005	nd
Toluene	2.0	0.0005	nd
Xylene	0.44	0.0005	nd

NOTE: The MCLs shown above and on page one of this report were derived from data published in following sources:

\* EPA National Primary or Secondary Drinking Water Regulations or Health Advisories. Where no recommended level was available, we have used the minimum detection level generally available using approved analytical methods.

I certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted by methods approved by the U.S. Environmental Protection Agency and other appropriate regulatory agencies.

Director of Laboratories, MATTERLAW INVESTIGATORS

\*\* TOTAL PAGE.03 \*\*